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Volume 131 APRIL 19, 1937 Number 16

Acetic Acid • Charcoal • Creosote Oils • Ethyl Acetate • Ferrous Acetate (Iron Liquor) • Hardwood Pitch • Methanol

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WRITE FOR PARTICULARS
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Refined and U. S. P.
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CHICAGO LOS ANGELES

Commonly used Solvents

TABLE OF PROPERTIES

3 Relative Evaporation Rate Charts appear on back.
A more accurate idea of Solvent utility may be had by consulting them.

	Formula	Mol. Wt.	Boiling Range Initial b. p. °C.	Boiling Range End Point °C.	Flash Point °F.	Vapor Pressure at 20° C. Mm. Hg.	Sp. Gr. at 20° C.	Wt./Gal. at 20° C. Lb.	Refractive Index at 20° C.	Expansion Coefficient, 10–30° C.	Purity Commercial Product %	Dilution Ratio: Toluene	Petroleum naphtha	Xylene	Mineral spirits	Solubility by Wt. at 20° C.: In water	Water in
KETONES:																	
Acetone	CH_3COCH_3	58.05	55	57	0	377	0.793	6.60	1.3591	0.00134	99	4.5	0.7	...	...	∞	∞
Methylacetone	##% acetone—20% Me acetate—34% MeOH	.....	56	78	33	...	0.831	6.92	.....	0.00138	Mist.	4.7	0.7	...	...	∞	∞
Methyl ethyl ketone	$CH_3COC_2H_5$	72.06	77	82	34	119	0.809	6.73	1.3791	0.00128	99	4.3	0.9	...	...	25.6	11.8
Diethyl ketone	$C_2H_5COC_2H_5$	86.06	100	104	59	46	0.815	6.78	1.3927	0.00113	99	3.0	0.7	...	...	4.3	3.1
Methyl propyl ketone	$CH_3COC_3H_7$	86.08	101	107	60	48	0.810	6.74	1.3895	0.00111	99	4.0	1.0	...	...	0.54	3.36
Hexone (methyl isobutyl ketone)	$(CH_3)_2CHCH_2COCH_3$	100.09	113	118	74	15	0.802	6.67	1.3959	0.00112	99	3.6	1.0	...	...	1.91	2.81
Methyl n-butyl ketone	$CH_3COC_4H_9$	100.09	114	127	95	17	0.818	6.80	1.4024	0.00099	87	3.9	1.1	...	...	0.22	2.14
Mesityl oxide	$(CH_3)_2C:CHCOCH_3$	98.08	117	139	99	<10	0.855	7.12	1.4439	0.00108	86	3.8	0.9	...	...	2.80	2.85
Diacetone alcohol	$(CH_3)_2C(OH)CH_2COCH_3$	116.09	153	160	135	3	0.936	7.79	1.4204	0.00094	99	...	...	2.3	0.5	∞	∞
Dipropyl ketone	$C_3H_7COC_3H_7$	114.11	138	144	120	9	0.816	6.79	1.4073	0.00107	99	3.1	0.9	2.7	0.8	0.43	0.87
Methyl n-amyl ketone	$CH_3COC_5H_{11}$	114.11	147	153	115	7	0.816	6.81	1.4110	0.00103	98	3.9	1.3	3.6	1.1	0.6	1.4
Diisobutyl ketone	$(CH_3)_2CHCH_2COCH_2CH(CH_3)_2$	142.14	164	169	145	4	0.808	6.72	.....	0.00102	85	...	...	1.5	0.6	v.s.s.	v.s.s.
Methyl n-hexyl ketone	$CH_3COC_6H_{13}$	128.12	169	173	160	3	0.820	6.83	1.4161	0.00092	98	3.6	0.9	...	...	0.09	0.2
Cyclohexanone	$(CH_2)_5CO$	98.08	130	173	145	7	0.946	7.87	1.4534	0.00091	97	...	...	4.8	1.0	0.12	8.68
Methylcyclohexanone	$(CH_2)_5CH(CH_3):CO$	112.09	114	173	145	4	0.921	7.67	.....	0.00085	74	...	...	4.5	1.0	0.15	3.04
Acetonylacetone	$CH_3COCH_2CH_2COCH_3$	114.08	188	193	190	<3	0.973	8.10	1.449	0.00093	93	...	...	1.6	imm.	∞	∞
Phorone	$(CH_3)_2C:CHCOCH:C(CH_3)_2$	138.11	114	198	180	<1	Crystals	..../	1.4998	.....	..	...	...	...	0.7	...	...
POLYETHERS:																	
Diethyl "Cellosolve"	$C_2H_5OCH_2CH_2OC_2H_5$	118.11	119	125	90	23	0.849	7.07	.....	0.00120	95				0.3	3.76	4.49
Diethyl "Carbitol"	$C_2H_5OCH_2CH_2OCH_2CH_2OC_2H_5$	162.14	181	189	170	1	0.909	7.56	.....	0.00106					0.5	∞	∞
ESTERS:																	
Methyl acetate	CH_3COOCH_3	74.05	53	55	5	363	0.908	7.55								∞	∞
Ethyl acetate	$CH_3COOC_2H_5$	88.06	70	80	35	171	0.886									9.93	11.05
Isopropyl acetate	$CH_3COOCH(CH_3)_2$	102.08	84	94	35	75										1.58	3.06
Isopropyl acetate	$CH_3COOCH(CH_3)_2$	102.08	82	90	35											.70	5.30
Ethyl propionate	$CH_3CH_2COOC_2H_5$	102.08	90	118												.93	1.23
sec-Butyl acetate	$CH_3COOCH(CH_3)(C_2H_5)$	116.09														.63	1.65
Isobutyl acetate	$CH_3COOCH_2CH(CH_3)_2$															.67	1.04
n-Butyl acetate	$CH_3COOC_4H_9$															.53	1.06
Ethyl butyrate	$CH_3CH_2CH_2COOC_2H_5$															.9	0.73
sec-Amyl acetate																.7	0.88
Amyl acetate (mixed isomers)																	1.15
Butyl butyrate																	0.43
n-Butyl propionate																	0.89
Methyl amyl acetate																	0.89
Hexyl (2-ethylbutyl) acetate																	0.73
sec-Hexyl acetate																	0.88
Ethyl lactate																	∞
Octyl (2-ethylhexyl) acetate																	0.39
Cyclohexanyl acetate																	1.48
Isopropyl lactate																	∞
Butyl lactate																	14.5
Glycol diacetate																	21.3
Diglycol diacetate																	∞
Diethyl carbonate																	2.69
3-Methoxy butyl acetate																	3.73
Methyl "Cellosolve" acetate																	∞
"Cellosolve" acetate																	0.4
Butyl "Cellosolve" acetate																	1.9
Methyl "Carbitol" acetate																	∞
"Carbitol" acetate																	0.4
Butyl "Carbitol" acetate																	3.6
ETHER ALCOHOLS:																	
Methyl "Cellosolve"																	∞
"Cellosolve"																	∞
Isopropyl "Cellosolve"																	∞
Butyl "Cellosolve"																	∞
Methyl "Carbitol"																	∞
"Carbitol"																	∞
Benzyl "Cellosolve"																	3.6
ALCOHOLS:																	
Methanol (anhydrous)	CH_3OH																∞
Ethanol (anhydrous)	C_2H_5OH																∞
Isopropanol (anhydrous)	$(CH_3)_2CHOH$																∞
sec-Butanol	$CH_3CH_2CH(OH)CH_3$																12.5
Isobutanol	$(CH_3)_2CHCH_2OH$																10.0
n-Butanol	C_4H_9OH																7.9
sec-Amyl alcohol	$(CH_3CH_2)_2CHOH$																4.5
Amyl alcohol (mixed isomers)	$C_5H_{11}OH$																2.3
Methyl amyl alcohol	$(CH_3)_2CHCH_2CH(OH)CH_3$																1.7
Hexyl (2-ethylbutyl) alcohol	$CH_3CH_2CH(C_2H_5)CH_2OH$																0.6
Octyl (2-ethylhexyl) alcohol	$C_4H_9CH(C_2H_5)CH_2OH$																0.1
Cyclohexanol	$C_6H_{11}OH$																3.6
Benzyl alcohol	$C_6H_5CH_2OH$																4.0
HYDROCARBONS:																	
Benzene	C_6H_6																insol.
Toluene	$C_6H_5CH_3$																insol.
Xylene	$C_6H_4(CH_3)_2$																insol.
Hi-Flash naphtha																	insol.
Petroleum naphtha																	insol.
V. M. & P. naphtha																	insol.
Mineral spirits																	insol.
Cyclohexane	C_6H_{12}																0.1
Tetrahydronaphthalene	$C_{10}H_{12}$																insol.
Decahydronaphthalene	$C_{10}H_{18}$																insol.
Solvesso No. 1																	insol.
Solvesso No. 2																	insol.
Solvesso No. 3																	insol.
Safe-T-Sam																	insol.
CHLORINATED COMPOUNDS:																	
Ethylene dichloride	$ClCH_2CH_2Cl$																0.9
Monochlorobenzene	C_6H_5Cl																insol.
Orthodichlorobenzene	$C_6H_4Cl_2$																insol.
Dichloroethyl ether	$ClCH_2CH_2OCH_2CH_2Cl$																0.2
NAVAL STORES SOLVENTS:																	
Gum spirits of turpentine																	insol.
Steam-distilled turpentine																	insol.
Dipentene	$CH_3(C_6H_9)C(CH_3)CH_2$																insol.
Hercosol																	insol.
Pine oil																	1.7
Heavy pine oil										0.00085	..	...	...	...	...	v.s.s.	2.4
Fenchone	$(CH_3)_2C_6H_9C:O$	152.1							1.4647	0.00088	..	...	...	2.9	0.8	0.2	0.5
FURANE DERIVATIVES:																	
Furfural	$(C_4H_3O)CHO$	96.03					1.159	9.64	1.5261	0.00087	98	...	...	1.6	imm.	8.3	4.8
Furfuryl acetate	$CH_3COOCH_2(C_4H_3O)$	140.05				1	1.119	8.42	1.4627	0.00094	99	...	...	1.3	imm.	v.s.s.	insol.
Furfuryl alcohol	$(C_4H_3O)CH_2OH$	98.05		170	175	2	1.137	9.46	1.4852	0.00077	98	...	...	1.5	imm.	∞	∞
Tetrahydrofurfuryl alcohol	$(C_4H_7O)CH_2OH$	102.08	119	204	180	<1	1.051	8.74	.....	0.00074	99	...	...	2.6	imm.	∞	∞

*Trade-Mark

Reprinted from "Industrial and Engineering Chemistry", Vol. 27, No. 10 (1935) pp. 1169-1179
For details of testing procedure and conditions refer to original article.

Quick reference data ON 90 SOLVENTS

IN continuation of its service to users of solvents, Carbide and Carbon Chemicals Corporation has prepared this helpful wall chart for ready reference. The important properties of 90 commonly used solvents are presented, as illustrated here, on a 20-inch by 26-inch cardboard-backed chart.

You may obtain one of these charts for your laboratory, plant or office immediately and without obligation by a request on your business letterhead.

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Oil, Paint and Drug Reporter

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Trade-Name Ban on 'National' Advocated

WASHINGTON, Apr. 14, 1937.

A bill to prevent the use of the words "U. S.," "United States," "National," and "Federal" as trade-names in private business has been introduced in Congress by Representative Usher L. Burdick, of North Dakota.

The measure (H. R. 6323) provides that no firm could use the names in its trade-names unless the Federal government owns at least 51 percent of the capitalization and directly controls the business. It also provides that all private organizations now using the names shall discontinue their use by July 1, 1939.

Fair Trade Committees Of 33 States to Meet

N.A.R.D. Sponsors Conference to Plan Uniform Procedure In Application

The fair trade committees of retail druggists of every State in which a fair trade law has been enacted will meet in Chicago for a two-day conference May 31 and June 1 at the invitation of the National Association of Retail Druggists to discuss problems of administration and enforcement of such statutes. The meeting will be under the direction of the association's fair trade committee, of which Dr. Robert L. Swain, Baltimore, is chairman.

One purpose of the conference will be to suggest uniform procedures in the States which have fair trade laws in order to facilitate the task of the manufacturer who wishes to protect his trademarks. Those States which passed the original California law are being urged to enact the new amendatory fair trade act which corrects the unfortunate typographical error of the California statute and also eliminates certain loopholes in the law, that might permit evasion.

The following thirty-three States have enacted fair trade laws: Arizona, Arkansas, California, Colorado, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Minnesota, Montana, Nevada, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Dakota, Tennessee, Virginia, Utah, Wyoming, Wisconsin, Washington, and West Virginia.

F.T.C. Expansion Delayed

WASHINGTON, Apr. 15, 1937.

Illness in the family of Chairman Clarence F. Lea of the house committee on interstate and foreign commerce has delayed committee action on the Lea bill extending the general powers of the Federal Trade Commission to reach unfair and deceptive acts and practices and giving the commission specific powers to regulate advertising of foods, drugs, and cosmetics.

The committee is expected to report the bill favorably within a short period, and its backers are confident that it will get approval in the house.

N.Y. Drug Law Changes Favored

ALBANY, Apr. 13, 1937.

Two Twomey bills amending the State law with respect to drugs have been passed by the senate and sent to the assembly. One of these (S. P. 504) would exempt from section 1361 the manufacture and sale of proprietary medicines that are not poisonous. The other (S. P. 676) would deny registration to pharmacies and drug stores unless the owner is a registered pharmacist or druggist or has had four years' practical experience; exception would be made for persons, partnerships, and corporations holding certificates.

Wagner Labor Act Held Valid

Supreme Court Rules Right of Congress to Regulate Commerce Covers Certain Manufacturing

WASHINGTON, Apr. 13, 1937.

The validity of the Wagner labor relations act was upheld by the Supreme Court of the United States in five cases decided yesterday. The finding of the court was, mainly, that manufacturing which draws materials from other States and ships its products in interstate commerce is a part of commerce in the constitutional sense of the term.

In one case, that of the Washington, Virginia & Maryland Coach Company, operating buses on interstate routes, the court was unanimous in finding that the company was liable to the provisions of the Wagner act with respect to collective bargaining with its employees. In the other cases the court was divided five to four. These cases involved the Associated Press, the Jones & Laughlin Steel Corporation, the Fruehauf Trailer Company, and the Friedman-Harry Marks Clothing Company.

The basis of the court's decision with respect to the inclusion of certain manufacturing operations within the scope of the right of Congress to regulate interstate commerce was concisely expressed in the dictum: ". . . the fact remains that the stoppage of those operations by industrial strife would have a most serious effect upon interstate commerce."

Interpretative Reasoning

In further elaboration of this interpretation of the constitution the majority of the court in the Jones & Laughlin case said, in part:—

When industries organize themselves on a national scale, making their relation to interstate commerce the dominant factor in their activities, how can it be maintained that their industrial labor relations constitute a forbidden field into which Congress may not enter when it is necessary to protect interstate commerce from the paralyzing consequences of industrial war?

We have often said that interstate commerce itself is a practical conception. It is equally true that interference with that commerce must be appraised by a judgment that does not ignore actual experience.

Experience has abundantly demonstrated that the recognition of the right of employees to self-organization and to have representatives of their own choosing for the purpose of collective bargaining is often an essential condition of industrial peace. Refusal to confer and negotiate has been one of the most prolific causes of strife. This is such an outstanding fact in the history of labor disturbances that it is a proper subject of judicial notice and requires no citation of instances.

Perkins Calls Conferences

Motivated by the decisions of the supreme court under the Wagner act, Secretary of Labor Perkins today addressed to a number of leaders in government, industrial management, and labor a call to a series of conferences on a scheme of collective bargaining. The first conference is called for April 20.

Representatives of management invited to these conferences include Walter C. Teagle, of the Standard Oil Company of New Jersey; Myron C. Taylor, of the United States Steel Corporation; Gerard Swope, of the General Electric Company; Harper Sibley, president of the Chamber of Commerce of the United States, and C. M. Chester, president of the National Association of Manufacturers.

Invitations were sent also to William Green, president of the American Federation of Labor; John L. Lewis, chairman of the Committee for Industrial Organization; Jesse Jones, chairman of the Reconstruction Finance Corporation; J. Warren Madden, chairman of the National Labor Relations Board; John G. Winant, former chairman of the Social Security Board.

Labor Held Competitive Factor

Administration Studies New Basis of Legislation to Regulate Wages and Hours

WASHINGTON, Apr. 15, 1937.

Disclosure that the administration is actively considering legislation to regulate wages and hours as factors in fair competition has been made by a witness testifying before the senate judiciary committee on President Roosevelt's proposal for reorganizing the Supreme Court of the United States. The disclosure was made as an argument to show that the supreme court proposal was not necessary because the administration had already found a way to regulate industry constitutionally.

The witness was Siegfried F. Hartman, New York attorney, who assisted in drafting the bill in his capacity of chairman of the legal advisory board of the Council for Industrial Progress. The general outline of the proposed legislation was made public some months ago by the council in submitting its recommendations to President Roosevelt, but since then the administration has not publicly exhibited any interest in the proposal.

As outlined by Mr. Hartman the bill is much different from the old NRA in procedure and is based on the eliminating of burdens on interstate commerce through correction of unfair competition. Voluntary trade agreements would be permitted under such suspension of the antitrust laws as would be necessary, and these would define fair trade practices for the industry, including wages, hours, and other working conditions in addition to practices already considered unfair. These agreements would be approved by a Federal agency but would be accepted merely as prima facie evidence to guide the courts in enforcing the act and determining what types of practices are unfair or injure interstate commerce. This would permit any member of the industry to secure a court review of these trade agreements.

Mr. Hartman told the committee that the Department of Justice had drafted a detailed bill incorporating this plan and was also studying alternate proposals. No such bill has yet been introduced in Congress.

Gasoline Grade Urged in N.Y.

ALBANY, Apr. 13, 1937.

A State standard for gasoline sold for use as fuel in internal combustion engines is proposed in the Ehrlich bill (A.I. 2388, A.P. 2865), introduced in the legislature at the request of the Joint Legislative Committee to Investigate the Gasoline Industry. Minimum specifications are proposed for corrosive action, distillation range (not more than 55°C. to not more than 225°C.), and sulphur content (0.1 percent). An inspection system is provided for. The penalty for selling substandard gasoline would range from a maximum fine of $100 for a first offense to a fine of $500 and imprisonment for six months for subsequent offences.

Tydings Bill Urged By Druggist Group

Passage Necessary It Is Declared To Guarantee Complete Stabilization

Twenty-nine hundred retail druggists of metropolitan New York attended a fair trade mass meeting at the Hotel Pennsylvania, this city, April 13, celebrating the recent decision of the Court of Appeals upholding the constitutionality of the Feld-Crawford Fair Trade Law. The mass meeting was held as a part of the two-day annual meeting of the New York Pharmaceutical Council.

Reports were delivered from the various fair trade committees of the branch associations of the New York State Pharmaceutical Association.

John F. O'Brien, Rochester, former president of the New York State Pharmaceutical Association and recently appointed chairman of the fair trade committee, declared:—

A number of contracts between manufacturers and retailers have already been consummated. These contracts have been approved by the fair trade committee and retail druggists are urged to sign them at the earliest possible moment.

It will be the intense effort and earnest endeavor of the committee to enroll immediately most of the manufacturers of nationally advertised brands, and it is our belief that the resultant stabilization of prices will react to the benefit of both retailers and the public. Not only do we urge manufacturers who have not yet submitted contracts to do so quickly, but the association, through the committee of which I am chairman, pledges itself to see that these contracts are faithfully fulfilled.

In order to assist in the stabilization movement, the association should do everything in its power to obtain the passage of the Tydings-Miller bill, which would permit manufacturers in other States outside of New York to enter into contracts with New York State retailers. Without the passage of this bill the entire stabilization movement will be upset.

Mark Eisner, counsel for the Toilet Goods Association, who represented Bourjois in the case of Bourjois vs. Drofman, on which the decision of the Court of Appeals declared the Feld-Crawford Fair Trade Act constitutional, discussed the subject of private brands versus nationally advertised brands.

During the annual meeting the council elected the following officers:—President, George Gottesman, president of the Consolidated Brooklyn Retail Pharmacists, Inc.; vice-presidents, Robert Gerstner, J. J. Goldberg and Walter Janaro; secretary, Hugo Schaefer, and treasurer, F. C. A. Schaefer.

The council approved resolutions opposing federal financial aid to consumer

(Continued on page 50

Walsh-Healey Act Amendment Proposed

WASHINGTON, Apr. 15, 1937.

A series of amendments to the Walsh-Healey government contracts act was introduced today by the authors of the original law, Senator David I. Walsh of Massachusetts and Representative Arthur D. Healey of Massachusetts.

The principal changes proposed are (1) the extension of the scope of the act to all contracts in excess of $2,500; whereas, the present exemption is $10,000; (2) applying the law to contracts for services as well as for supplies; (3) blacklisting bidders who violate the national labor relations act; (4) requiring dealers to certify that goods supplied by them were manufactured in accordance with the law; and (5) making a number of administrative changes.

The basic 40-hour week is retained, but contractors would be permitted to allow compensatory time off within a week for operations lasting more than eight hours in a single day without the payment of time and one-half for overtime.

Closing Market Developments

Casein Easier

Domestic casein sold in some directions at 14½c. per pound for 20-30 mesh in car lots delivered; 80-100 mesh sold at 15c. per pound in similar quantity. These prices were ½c. cheaper than prices mentioned earlier in the week which were still quoted as the market in some quarters.

Sardine Meal Situation

Dealers in Japanese sardine meal had difficulty booking material for shipment from the Far East this side of July. Freight space for earlier shipping positions was scarce.

Denaturing Methanol Down

Denaturing grade of natural methanol was reduced last Friday afternoon to the basis of 40c. per gallon in tanks, and to 46c. in drums, car lots. The terms were freight allowed east of the Rockies.

Phenolphthalein Higher

Prices on phenolphthalein were advanced 10c. per pound late last week, covering a rising cost of production. The new schedule was:—USP, barrels, drums, 2,000 pound lots, 85c. per pound; 100 to 250 pounds, 87c.; 50 pound kegs, 89c.; 25 pound cans, 92c.; yellow, 2,000 pound lots in barrels or drums, 80c.; 100 pound fiber drums, 82c.; 50 pound kegs, 84c.; 25 pound fiber drums, 87c.

Cottonseed Oil Weak

Cottonseed oil futures declined sharply on Friday, May dropping to 10.08c., July 10.15c., and September 10.18c. The decline was due to a further fall in lard and general selling.

Tallow Easier

Tallow was easier late in the week, sales being reported at a further decline of ⅛c. to the basis of 8¾c. per pound for extra, f.o.b.

Tin Salts Lower

Prices for tin derivatives were lower as a result of a decline in the Straits tin price to 58⅜c. per pound. Tin crystals were 41½c. to 42c. per pound; anhydrous tetrachloride of tin, 30c. per pound, and soda stannate, 37c. to 40c. per pound.

N.P.V.L.A. Committee Ratifies Meeting Date

WASHINGTON, April 16, 1937.

The executive committee of the National Paint, Varnish and Lacquer Association, meeting here today, ratified the date and place of the 1937 annual meeting to be held October 27 to 29 in Cincinnati.

The committee also received and discussed reports on several phases of association work. Eighteen members attended and several members of the headquarters staff and W. J. Pitt, vice-chairman of the legislative committee, were present.

Trade News Briefs

Cannabis has been added to the list of narcotic drugs regulated by law in South Carolina.

Narcotic control bureau proposed for New York State has been approved by the State senate in the passage of the McNaboe bill (S.P. 1875).

Petroleum Chemical Corporation has filed articles of incorporation under the laws of Delaware, with capital for taxation of $1,000,000.

Joseph A. Piuma, medicine proprietor, Los Angeles, has been ordered by the Federal Trade Commission to quit misrepresenting the therapeutic value of "Glendage," a "gland tonic."

Zellers Laboratories (E. G. and M. W. Zellers), Reading, Pa., has been ordered by the Federal Trade Commission to quit misrepresenting the therapeutic efficacy of its poultry medicines.

College of Pharmacy of the City of New York has received a bequest of $25,000 under the will of Clarence O. Bigelow, for the establishment of a fellowship, the nature of which is to be determined by the trustees and the faculty.

Planet Export Company, this city, has been appointed exclusive representative for the United States of N. V. Vereenigde Oliefabrieken, v/n H. Spits & Zn. & H. de Haan & Zn., oil and fatty acid manufacturer, Rotterdam, Holland.

Chemical Price Trend Downward

Additional reductions of prices of chemicals derived from nonferrous metals again lowered the general average in the markets for heavy and fine chemicals last week. Spottiness was more evident in business as a whole, being attributable in part to labor unsettlement in some smaller consuming industries and otherwise to seasonal slackenings. The movement of mineral acids was an exception, being remarkably heavy. Increased activity in coaltar chemicals brought more firmness in certain quarters, but imported naphthalene lacked interest because of a larger domestic supply.

Prices were advanced on natural acetic acid, acetate of lime, domestic castor pomace, menhaden scrap futures, and imported bone and bonemeal. Prices were reduced on blue vitriol, needle antimony, metallic lead paste, chrome yellow, leaded zinc oxide, nitrate of silver, milk powder; cocoa butter, domestic and imported dried blood, domestic tankage, and imported steamed bone.

The REPORTER'S composite index number of prices for heavy and fine chemicals dipped again to 126.4 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 89.5, against 88.9 at this time last year.

William C. Whitridge has been elected assistant - secretary - treasurer of the North American Oil Company, Baltimore. Mr. Whitridge has spent much time in oil refining construction work in Kentucky and Texas.

Mixed motor fuels, containing kerosene or crude petroleum, would be made subject to the New York gasoline tax by the terms of a bill (A.I. 2389, A.P. 2866) introduced in the State legislature by Assemblyman Ehrlich.

Contents of This Issue

News and Statistics

Allied Products Leases New Office.. 46
A.D.M.A. Committee Issues R.R. Schedules 50
American Seitz Filter to Move..... 50
Animal and Vegetable Fats and Oils Consumption in U.S.: 1936..... 45
Black Pepper Futures Trading..... 48
Cellulose Materials Research Proposed 5
Chamber of Commerce to Meet April 26 to 29..... 5
Chemical Miscellaneous Output Up 16 Percent..... 5
Cincinnati P.V.L.A. Plans to Celebrate Its Jubilee..... 5
Continental Carbon Co. Sees Market Growing 30
Continental Carbon Hires Welch.... 30
Cuban Manganese Ore Output Facilities Greatly Improved..... 45
Drug-Chemical Buyer Wanted by N. Y. City..... 43
Fertilizer Tag Sales: March..... 53
Fair Trade Committees of 33 States to Meet..... 3
F.T.C. Expansion Delayed..... 3
Gasoline Grade Urged in N. Y..... 3
'Hot Oil' Ban May Be Spread..... 61
Hatch, Potvin Form New Firm.... 46
Insect Fungus Control Fund Voted by House..... 5
Jamieson & Co. Plant Damaged by Explosion 5
Lead, Zinc Pigments Sales in 1936 Best Since 1929..... 4
Labor Held Competitive Factor... 3
Lever Brothers Loses Suit on Granular Soap..... 39
Milestones—Past and Present..... 32
Millikan, Debye to Get Franklin Annual Medal..... 27
Marihuana Tax Would Apply to Hempseed Oil..... 50
Manheimer Moves..... 50
Margarin Manufacturing Operations in February..... 30
Mathieson Income Increased 64 Percent in First Quarter..... 24
Narcotic Handlers Urged to Register 43
Narcotics Control Tightening Sought 46
N. Y. Drug Law Changes Favored.. 3
Netherlands Tariff Bargain Proclaimed 5
N. Y. Paint Association Nominations Are Made..... 27
Naval Oil Reserve Bill Passes Senate 30
National Lead Business Reaches Highest Level..... 45
N.P.V.L.A. Committee Ratifies Meeting Date..... 4
N.Y. Textile Chemists to Hear About Resins 31
Origin Disclosure Bill Passed by N. Y. Assembly..... 54
Oil Control Advocated in Pa..... 61
Oil Tanks to Be Made Flood-Safe... 29
Petroleum Market Status..... 51
Petroleum Production..... 52
Pneumonia Control Plan Proposed in New York..... 5
Palm Oil Residue Tax Collection Not to Be Stopped..... 5
S.O.M.A. to Hold Outing..... 50
Schwabacher & Co. Offers Two New Naphthenic Soaps..... 45
Solvay Is Constructing Chlorine Plant in Louisiana..... 24
Short Joins Witco..... 24
Trade Name Ban on 'National' Advocated 3
Tydings Bill Urged by Druggist Group 3
Tanners Council Will Hold Meeting May 3-4..... 31
World Oil Congress Called..... 5
Wagner Labor Act Held Valid..... 3
Walsh-Healey Act Amendment Proposed 3
W. J. Sears Nominated for Tariff Board 5
Yahr-Lange Employees Oust General Manager..... 46
Zinc Institute Program of Broad Technical Interest..... 24

General Features

Advertisers' Index..... 63
Bids Wanted..... 62
Chemical Price Trends..... 4
Classified Advertisements..... 62
Closing Market Developments.... 4
Contracts Awarded..... —
Corporation Earnings..... —
Dividends Declared..... —
Editorials 22
Foreign Tariff Notes..... 4
Foreign Trade Openings..... 61
Industrial Uses of Chemicals..... 44
Informative Booklets..... 29
Obituaries 61
Prices Current..... 7
Scientific, Professional Services.. 54
Trade News Briefs..... 4
What You Can Use..... 46
Where You Can Sell..... 44

Market Reports

Botanical Drugs, Spices, Gums... 47
Coaltar Chemicals..... 28
Drugs and Fine Chemicals..... 41
Dyestuffs and Textile and Leather Chemicals..... 31
Essential Oils and Aromatics.... 49
Fertilizer Materials..... 53
Heavy Chemicals..... 25
Oils, Fats and Waxes..... 37
Paint, Varnish, Lacquer Materials 33
Petroleum Solvents, Lubricants, Fuels 51

Shipping Information

Cargo Ship Arrivals..... 61
Charters 61
Coastwise Shipments 60
Exports 58
Imports 55
Imports Detained 61

Oil, Paint and Drug Reporter, Volume 131, No. 16, April 19, 1937. Published weekly by Oil, Paint and Drug Publishing Company, Inc., 12 Gold Street, New York. Annual subscription price:—United States, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

Lead, Zinc Pigments Sales In 1936 Best Since 1929

Preliminary statistics covering the sales of lead and zinc pigments in the United States in 1936 indicate that manufacturers of these products enjoyed their best year since 1929, according to a report of the Bureau of Mines.

Sales of litharge were at record levels, the total for 1936 exceeding the 1929 record by 9 percent and exceeding sales in 1935 by 20 percent. Sales of white lead, dry and in oil, and of red lead were the largest since 1929 and were 20 and 17 percent, respectively, greater than those for 1935. Little change was made in the rate of sales of basic lead sulphate and of orange mineral in 1936.

Sales of leaded zinc oxide and zinc sulphate in 1936 reached new high levels, totals for these products being 32 and 17 percent, respectively, above the totals for 1935. Sales of zinc oxide were 30 percent higher than in 1935 and were the largest since 1929. Data on lithopone are not yet available, but incomplete figures indicate a higher total for this pigment in 1936.

All of the lead and zinc pigments covered by the following table reached low points of the depression in 1932. The more important pigments have made the following percentage recoveries from that year:—Leaded zinc oxide, 176; zinc oxide, 79; red lead, 78; white lead, dry and in oil, 74; litharge, 65, and lithopone an unknown percentage as yet. Tonnages sold in 1932 were lower than in 1929 by the following percentages:—Red lead, 56; zinc oxide, 55; white lead, 55; leaded zinc oxide, 47; lithopone, 41, and litharge, 34. The bureau points out that it is significant that in general the greatest improvement in 1936 over depression lows was made by pigments that suffered the largest declines in depression years.

In foreign trade the most important items in lead and zinc pigments for the first eleven months of 1936 were as follows:—Exports of white lead, dry and in oil, amounted to 1,745 short tons; exports of litharge were 1,290 tons and of red lead, 737 tons. Imports of lithopone totaled 4,331 tons; of dry zinc oxide, 663 tons, and of zinc oxide in oil, 86 tons. Exports of lithopone amounted to 2,308 tons and of zinc oxide, 1,186 tons.

Sales of lead and zinc pigments and zinc salts by domestic manufacturers in 1936 compared with those of 1935 as follows:—

Total Sales

	Short tons—1936.	1935.
Basic lead sulphate or sublimed lead:—		
White	7,500	7,572
Blue	900	727
Red lead	33,700	28,776
Orange mineral	250	252
Litharge	96,000	79,980
White lead:—		
Dry	31,700	27,972
In oil*	84,200	68,859
Zinc oxide	129,400	99,697
Leaded zinc oxide	39,500	29,976
Lithopone	†....	159,486
Zinc sulphate	8,300	7,108

* Weight of white lead only.
† Figures not yet available.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Chilean Nitrate:—Germany has granted import duty exemption on a quota of 80,000 tons of Chilean nitrate to be imported during the period January 1 to June 30, and on a like quantity to be imported during the twelve months beginning July 1.

Lead and Zinc:—Peru has reimposed export duties on lead and zinc. The new duty on lead or zinc bars, concentrates and minerals is $1.00, United States currency, per metric ton of metal content, to apply when the New York price reaches 4½ cents a pound, the rate being gradually increased 10 percent on higher quotations.

Lead and Zinc:—Poland has cancelled the import duties on lead and zinc in order to cause a reduction in prices of these commodities.

Nitrate:—Honduras has established a monopoly in favor of the government on nitrate, and the decree authorizes the executive to regulate its manufacture.

Olive Oil:—Portugal has prohibited temporarily the exportation of olive oil, except to Brazil and the Portuguese colonies.

Jamieson & Co. Plant Damaged by Explosion

Ball Mill Blows Up, Causing One Death and Injuring Eight Workers

An explosion April 9 of chemicals being worked in a large ball mill in the plant of C. E. Jamieson & Co., pharmaceutical manufacturer, Detroit, caused the death of one member of the technical staff and the injuring of eight other employees, and damaged the building to the extent of about $100,000.

The exact cause of the explosion has not been determined. A mixture of dry chemicals, being ground in the ball mill on the first floor, apparently caked. The machine was stopped and while attendants were endeavoring to loosen the mass the explosion occurred. Ignition of dust in some unknown manner is believed to have been the cause.

Four employees were seriously burned. Ray Newton, chemical engineer, died from his injuries a few hours later. Garretson Flinn, son of James H. Flinn, vice-president of the company, is in Harper Hospital, his condition still being precarious. William Keenan is in St. Joseph's Hospital, suffering from serious burns. Tom Gonella, another chemical engineer, was badly burned. John Sanners, in charge of shipping, was caught in an elevator by the blast and was burned, but less seriously.

Slight burns were sustained by Jesse Singletary who was buried under debris but was saved from serious injury by a locker which had fallen alongside him. The injuries of the others, two of whom are women, were of a minor nature, they too, being protected to an extent by the toppled locker unit. About 170 persons were in the building at the time of the explosion.

Practically every window in the building was shattered by the explosion. The rear wall of the Trombly avenue building was totally wrecked, although it did not collapse, but its 18-inch timbers were snapped. The east wall was sprung 4 inches; the floors were heaved in several places; and the roof was seriously damaged. Considerable equipment was wrecked. A small fire started but was extenguished before it had added to the damage.

Several departments of the plant were put out of commission but operations have been resumed in the finishing room, the elixir room, the capsule department, and several others. The chemical division will require several weeks for restoration.

Rebuilding of the rear wall of the Trombly avenue three-story building will be required. Continued operations are facilitated by the recent completion of a three-story addition which suffered little damage. The loss is fully covered by insurance, and full resumption of operations is wholly a matter of time required to repair the damage.

Cellulosic Materials Research Is Proposed

WASHINGTON, Apr. 14, 1937.

A research laboratory to work on problems regarding growing and utilization of Southern agricultural products other than forest products would be established under the terms of a bill (S. 2140) introduced in Congress by Senator Theodore G. Bilbo, of Mississippi.

The laboratory would devote itself to experiments on cotton and its by-products, cottonseed, moats, cotton hulls, cotton lint and linters, cotton stalks, rice straw, rice hulls, tung nuts, tung hulls, sugarcane bagasse, palmetto fiber, and similar products, and particularly to the collection, harvesting, preservation, and industrial utilization of whole cotton as a raw material for the manufacture of cellulose, with a particular view to the development of wider uses of Southern crops by industry.

The Department of Agriculture would administer the act, and an appropriation of $1,000,000 would be authorized for the first fiscal year following the passage of the bill.

Fertilizer prices, on materials as well as finished products, would be investigated by a commission in North Carolina under the terms of a bill (H. B. 1220), introduced in the State legislature by Representative Fenner and passed by the house.

Netherlands Tariff Bargain Proclaimed

WASHINGTON, Apr. 12.

President Roosevelt today officially proclaimed the tariff bargain between the United States and the Netherlands, following exchange of formal ratification. The agreement has been in provisional effect since February 1, 1936.

Under this agreement both countries make a number of reductions in duties and bind others against increases during the three-year life of the agreement. Details of the commodities affected were published in the REPORTER for December 30, 1935.

Insect, Fungus Control Fund Voted by House

Appropriation of $1,000,000 Is Approved for D.A. Use in Cooperating States

WASHINGTON, Apr. 12, 1937.

The House of Representatives has passed a joint resolution (H. J. Res. 319) appropriating $1,000,000 for the control of incipient or emergency outbreaks of insect pests or plant diseases.

The resolution provides that, in the discretion of the Secretary of Agriculture, no part of the appropriation shall be spent for control of grasshoppers, Mormon crickets, or chinch bugs in any State, unless the State provides the organization and materials necessary for cooperation.

In discussion of the bill before the house, Representative Clifton Woodrum of Virginia, pointed out that last year the Department of Agriculture received an appropriation of $250,000 too late to effect any proper control. He stated that this year the appropriations committee is giving the department four times as much as last year, and giving it to them at an earlier date. The Secretary of Agriculture asked for a $2,000,000 appropriation, but the appropriations committee felt that if he got the money early enough, $1,000,000 would be sufficient.

W.J.Sears Nominated For Tariff Board Post

WASHINGTON, Apr. 12, 1937.

President Roosevelt today nominated William J. Sears to the United States Tariff Commission to fill the unexpired Democratic term left by the recent resignation of Raymond B. Stevens. Mr. Sears is an attorney from Jacksonville, Fla., and served nine terms in the House of Representatives from that district.

At the same time, Robert Lincoln O'Brien announced that he would retire from the Tariff Commission about June 30. Mr. O'Brien holds one of the Republican posts on the bipartisan commission and has been chairman since December 1, 1931.

Palm Oil Residue Tax Collection Not Stopped

WASHINGTON, Apr. 12, 1937.

The Supreme Court of the United States today declined to review the refusal of lower courts to enjoin the collection of the processing tax on palm oil recovered in the process of making tinplate.

The petitioner, P. S. Gardener, had sought an injunction to prevent the Commissioner of Internal Revenue from collecting a processing tax of 3 cents per pound on the reclamation of residue or refuse palm oil after it has been used in making tinplate. The revenue act, imposing a processing tax on palm oil, exempts the use of the oil in the manufacture of tinplate. The lower court held that the proper procedure is to pay the tax and sue for its recovery.

World Oil Congress Called

The second World Petroleum Congress will be held June 14 to 20 in Paris, France. The United States has accepted the invitation of the French government to participate in the congress. D. E. Buchanan, Tulsa, will head the U. S. delegation, the Department of State says.

Chamber of Commerce To Meet April 26-29

The Chamber of Commerce of the United States will hold its twenty-fifth annual meeting April 26 to 29 in its building in Washington.

Addresses are scheduled for the first general session, beginning at 10:00 a. m., April 27, on "Business Looking Ahead," by Harper Sibley, president of the chamber, and "The Sweep of Twenty-five Years," by Harry A. Wheeler, first president of the chamber. At luncheon conferences on that day the following subjects will be discussed:—

"Surtax on Undistributed Corporate Earnings."
"World Trade Outlook."
"Management Relations with Employees."
"National Conservation Policies."
"What's Ahead for Insurance?"

At the second general session, opening at 9:30 a. m., April 28, Edward F. McGrady, assistant secretary of labor, will talk on "Labor Relations in Industry"; P. W. Litchfield, president of the Goodyear Tire & Rubber Company, on "Responsibility of Both Labor and Management"; Virgil Jordan, president of the National Industrial Conference Board, on "The Outlook for American Enterprise." The luncheon conferences on that day will be devoted to:—

"Current Issues in the Agricultural Situation."
"Price-Making in Distribution."
"The Construction Industry's Recovery Problems."
"Inflation Dangers."
"Transportation."

Two general sessions will be held April 29. In the forenoon, Walter J. Kohler, president of the Kohler Company, will talk on "To Promote the General Welfare"; Raymond N. Ball, president of the New York State Bankers Association, on "Finance and Banking." In the afternoon, Juan T. Trippe, president of Pan-American Airways, Inc., will talk on "International Air Transportation," and Mark Sullivan will present "A Review of Twenty-five Years."

A special luncheon meeting will be opened at 12:30 p. m., April 29, at which Carl E. Bailey, Governor of Arkansas, will talk on "Farm Tenancy in the United States." The speaker at the annual dinner at 7:30 p. m., April 29, will be Sir Edward Beatty, chairman and president of the Canadian Pacific Railway, whose subject will be "The Ideals of a Business Man."

Colby M. Chester, chairman of the General Foods Corporation, will talk on "Facing the Future in Associated Effort,' at the business session of the national councillors at 1:30 p. m., April 26. The American section of the International Chamber of Commerce will have a banquet at 7:30 p. m., April 26. Informal dinner meetings will be held at 7:00 p. m., April 27, by the American Trade Association Executives and the National Association of Commercial Organization Secretaries.

Pneumonia Control Plan Proposed in N.Y. State

ALBANY, Apr. 13, 1937.

An appropriation of $400,000 for the State department of health, to be used in an effort to control the scourge of pneumonia, is proposed in a bill introduced in the senate by Jacob J. Schwartzwald and in the assembly by Crawford W. Hawkins.

Commenting on the extent to which pneumonia is a cause of death and subscribing to the opinion that its effects can be substantially lessened, Governor Herbert H. Lehman has urged the legislature to pass the Schwartzwald-Hawkins bill, the intent of which he explains as follows:—

If the bill is passed, funds appropriated will be used in public education directed toward the prevention and control of pneumonia; in the study of the disease; in promoting early and efficient laboratory type diagnosis; in research; in the production, purchase, and free distribution of pneumonia serums; in the purchase of necessary laboratory and other equipment, and in the employment of scientific and administrative equipment and personnel. It is not intended that the money appropriated be used to relieve the City of New York or any other muncipality of the State of its responsibility for the care and treatment of pneumonia. The State will simply supplement the funds, equipment, and personnel now available so that a far wider field of useful activity may be developed in the prevention, diagnosis, and treatment of the disease.

Chemical Miscellaneous Output Up 16 Percent

Production in 1935 Had Total Value of $68,778,664 For 13 Groups

Production of miscellaneous chemicals in the United States in 1935 had a total value of $68,778,664, compared with approximately $57,100,000 in 1933, according to a report of the Bureau of the Census compiled from data collected in the biennial census of manufactures. This report, covering chemicals other than those for which separate reports have been issued, deals with acetates, chromates, citrates, cyanides, hydroxides, iodides, nitrates, resinates, stearates, salicylates, sulphides, sulphites, and tartrates. All quantity figures represent production for sale and interplant transfer unless specified as "made and consumed."

Comparative statistics for the two years follow:—

Production by Kind, Quantity, and Value, 1935 and 1933

	1935	1933
Miscellaneous chemicals—		
Total value	$68,778,664	*$57,100,000
Acetates—		
Total value	$13,213,813	$11,164,699
Alumina—		
Number of establishments	4	5
Tons (2000 pounds)	175	76
Value	$30,285	$11,295
Amyl—		
Number of establishments	10	9
Gallons	1,025,780	608,000
Value	$789,293	$441,592
Butyl—		
Number of establishments	9	11
Gallons	5,631,056	3,763,176
Value	$3,686,689	$2,577,547
Calcium—		
Number of establishments	26	29
Tons (2000 pounds)	25,860	26,042
Value	$831,356	$1,165,938
Ethyl—		
Number of establishments	9	9
Gallons	5,563,199	5,082,213
Value	$2,679,195	$2,660,445
Chromium—		
Number of establishments	3	
Pounds	630,023	
Value	$35,171	
Lead—		$4,307,792
Number of establishments	5	
Pounds	3,360,067	
Value	$252,799	
Other acetates, value	*$4,909,025	
Chromates and Bichromates—		
Total value	$4,768,216	$3,579,304
Soda—		
Number of establishments	6	6
Tons (2000 pounds)	37,110	29,234
Value	$4,267,266	$3,280,994
Potash—		
Number of establishments	5	
Pounds	4,491,316	
Value	$359,366	$298,310
Other chromates and bichromates, value	$141,584	
Citrates—		
Total value	$1,358,161	$1,463,463
Iron-ammonia—		
Number of establishments	4	3
Pounds	304,902	132,192
Value	$123,643	$51,399
Potash—		
Number of establishments	3	4
Pounds	174,501	145,556
Value	$65,761	$63,362
Iron—		
Number of establishments	3	
Pounds	5,785	$1,348,702
Value	$4,223	
Other citrates, value	*$1,164,534	
Cyanides—		
Total value	$6,903,591	$4,806,614
Copper—		
Number of establishments	4	4
Pounds	473,518	551,590
Value	$169,557	$209,117
Ferric-ferro (Prussian blue)—		
Number of establishments	21	
Pounds	4,804,621	
Value	$1,742,069	
Silver—		$4,657,497
Number of establishments	5	
Ounces	120,073	
Value	$77,899	
Other cyanides, value	*$5,004,066	

(Continued on page 31)

Cincinnati P.V.L.A. Plans To Celebrate Its Jubilee

The Cincinnati Paint, Varnish and Lacquer Association is making preparations to observe the fiftieth anniversary of its founding, with an elaborate program May 6. Efforts are being made to have Ernest T. Trigg, president of the national association, at the celebration.

The association held its ladies' night April 15 in the Netherland Plaza hotel, with a total of 130 men and women present. A floor show of eight acts was put on, and dinner and dancing made a complete evening. James Owen, Cincinnati representative of the American Can Company, and chairman of the club's board of control, gave each of the ladies present a box of candy, while the club presented boudoir lamps.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

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A

Acacia (see Gum, Arabic)
Acetal, dms., works..lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works..lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works..lb. .43 - —
smaller lots, works..lb. .48 - 1.00
tech., kegs, c.l., works..lb. .32 - —
l.c.l., 1,000 lbs., works..lb. .38 - —
smaller lots, works..lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls., 1,000 lbs..lb. .25 - —
smaller lots..lb. .26 - —
kegs, 1,000 lbs..lb. .26 - —
smaller lots..lb. .27 - —
Acetin, tech., dms..lb. .33 - —
Acetoacetanilide, dms..lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .07 - —
l.c.l., dlvd..lb. .07½- —
tanks, dlvd..lb. .06 - —
Methyl (see M)
Acetophenone, bots..lb. 1.30 - 1.45
cns., 25 lbs..lb. 1.15 - 1.25
dms., 100 lbs..lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg..lb. 1.35 - —
smaller pkgs..lb. 1.32 - 1.40
Acid, abietic, bbls., c.l..lb. .09¾- —
l.c.l..lb. .10 - —
Acetic, comL or redist., 28%, bbls..100 lbs. 2.53 - 2.78
chys..100 lbs. 3.03 - 3.28
56%, bbls..100 lbs. 4.75 - 5.00
chys..100 lbs. 5.25 - 5.50
70%, bbls..100 lbs. 5.92 - 6.17
chys..100 lbs. 6.40 - 6.65
80%, bbls..100 lbs. 6.74 - 6.99
chys..100 lbs. 7.24 - 7.49
glacial nat., CP., chys.100 lbs.14.00 - —
99.5%, nat., bbls., c.l., 100 lbs. 8.70 - 8.95
chys..100 lbs. 9.20 - 9.45
syn., al. dms., c.l.100 lbs. 8.43 - —
chys..100 lbs. 8.93 - —
USP, reagent, 99.8%, al. dms..100 lbs.10.60 - —
chys..100 lbs.11.00 - —
pure, 80%, bbls., c.l..100 lbs. 3.60 - 3.85
chys..100 lbs. 4.10 - 4.35
36%, bbls., c.l..100 lbs. 4.05 - 4.25
chys..100 lbs. 4.55 - 4.80
60%, bbls., c.l..100 lbs. 6.79 - 7.04
chys..100 lbs. 7.29 - 7.54
80%, bbls., c.l..100 lbs. 8.83 - 9.08
chys..100 lbs. 9.03 - 9.28

Acetic acid prices above apply delv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass. N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l..lb. .13 - —
l.c.l., dms., chys..lb. .14 - .15
Acetylsalicylic, USP, bbls. 225 lbs..lb. .50 - —
boxes, 25 lbs..lb. .51 - —
kegs, 100 lbs..lb. .50 - —
Anthranilic, refd., bbls..lb. .85 - .90
tech., bbls..lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs..lb. .18 - —
Battery, chys, c.l. E. works 100 lbs. 1.35 - 1.50
l.c.l., 25 or more, E. works, 100 lbs. 1.60 - 1.75
10-24, E. works..100 lbs. 2.35 - 2.50
1-9, E. works..100 lbs. 2.35 - 2.50
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs..lb. .44 - —
900 lbs. or less..lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs..lb. .55 - —
900 lbs. or less..lb. .58 - .60
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs..lb. .56 - .57
900 lbs. or less..lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd..ton.110.00 - —
l.c.l., ex whse..ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd..ton.100.00 - —
l.c.l., ex whse..ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd..ton.115.00 - —
l.c.l., ex whse..ton.120.00 -125.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd..ton.105.00 - —
l.c.l., ex whse..ton.110.00 -125.00
USP., $25 per ton higher.
Broenner's, bbls..lb. 1.11 - —
Butyric, 95%, w.w., chys.,works, lb. .28 - .35
edible, chys., works..lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis..lb. .23 - —
tanks, same basis..lb. .21 - —
Camphoric, cans..lb. 5.50 - 5.70
Capric, dms..lb. .19½- .20
Caproic, cans..lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms..lb. .16 - .16½
Chicago, bbls..lb. 2.10 - —
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5 drum lots, works..lb. .04 - —
single drum..lb. .05 - —
tanks, works..lb. .03 - —
Chromic, 99%, dms., delvd. N.Y. lb. .1475- .1675
Cinnamic, refd., bots..lb. 2.85 - 3.25
Citric, cryst., bbls..lb. .25 - —
kegs..lb. .25½- —
gran., bbls..lb. .25 - —
kegs..lb. .25½- —
powd., bbls..lb. .25½- —
anhyd., gran., dms..lb. .27½- —
powd., dms..lb. .28 - —

Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.

Acid, cleve's, bbls..lb. .50 - —
Cottonseed oil, dms..lb. .09½- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. No prices
l.c.l., same bases..gal. .85 Nom.
low-boil, dms., c.l., works, frt. equaled..gal. No prices
l.c.l., same basis..gal. .90 - —
imported pale, 97-99, dms..gal. 1.00 Nom.
special resin grade, dms., c.l., works..lb. No prices
l.c.l., same basis..lb. .10¾- —
Crotonic, dms., works..lb. .75 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls..lb. .77 - .79
Formic, dom., seaboard, 90%, cbys., f.o.b. stock points, c.l..lb. .11 - —
l.c.l., 25 and over..lb. .1150- —
1-24..lb. .12 - —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over..lb. .1235- —
1-24..lb. .1285- —
southern territory, cbys., c.l. lb. .1220- .1290
l.c.l., 25 and over..lb. .1270- .1340
1-24..lb. .1320- .1390
Fumaric, bbls..lb. .60 - —
Furoic, tech., fib. ctns., 100 lbs., works..lb. .35 - —
smaller lots, works..lb. .45 - —
Gallic, tech., bbls..lb. .65 - .68
N.F., VI, bbls..lb. .77 - .80
Gamma, bbls..lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls..lb. .50 - .55
Hempseed oil, dms..lb. .1180-.1225
Hydriodic, 47%, bots..lb. 2.20 - 2.25
57%, bots..lb. 2.65 - 2.70
Hydrobromic, 10%, USP, cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls..lb. .07 - .0750
lead, cbys..lb. .09 - .0950
48%, lead cbys..lb. .1150- .12
52%, lead cbys..lb. .1250- .13
60%, lead cbys..lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .16
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls..lb. .36 - .37
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works..100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works..100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works..100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works..100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade..lb. .12½- .13¾
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade..lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12¼
plastic grade..lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys..lb. .21½- .22½
USP, X, 85%, cbys..lb. .42 - .45
USP, VIII, 75%, cbys..lb. .40 - .43
Laurent's, bbls..lb. .45 - —
Linseed oil, dark or light, dms..lb. .1340- .1380
tanks..lb. .1280- —
extra white, dms..lb. .1125- .1175
split, dms..lb. .0950- .1060
Maleic, powd., dms..lb. .30 - .40
anhydride, dms..lb. .33 - .43
Malic, powd., kegs..lb. .45 - .60
Mandelic, bots..lb. 3.50 - —
fib, dms..lb. 3.25 - —
jars..lb. 3.25 - 3.35
Mixed, tanks, nitric unit..lb. .06½- .07½
sulphuric unit..lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls..lb. .18 - .19
Monosulphonic, bbls..lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.35 - —
l.c.l., 25 and over, E. works..100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
1 to 9, works..100 lbs. 2.35 - —
tanks, works..100 lbs. 1.00 - —
20°, cbys., c.l., E. works. 100 lbs. 1.45 - —
l.c.l. 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works..100 lbs. 1.10 - —
22°, cbys, c.l., E. works. 100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
1 to 9, works..100 lbs. 2.95 - —
tanks, works..100 lbs. 1.60 - —
CP, cbys..lb. .06½- .07½
6-lb. bots..lb. .08½- .12½
Myristic, dms..lb. .14¼- .15
white, redist., dms..lb. .15¾- .16¼
Naphthenic, S.V. 128-200, dms. lb. .07 Nom.
210-230, dms..lb. .09 Nom.
240-280, dms..lb. .10 Nom.
sludges, dms..lb. .05 Nom.
Nevile & Winther's, bbls....lb. .85 - .97
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
1 to 9, works..100 lbs. 5.60 - —

Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
1 to 9, works..100 lbs. 6.50 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
1 to 9, works..100 lbs. 7.00 - —
42°, cbys, c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
1 to 9, works..100 lbs. 7.50 - —
CP, cbys..lb. .11½- .12½
7-lb. bots..lb. .12½- .22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over..lb. .11 - —
smaller quantities..lb. .12 - .14
Palm oil, dms..lb. .08¾- .09½
Phenylacetic, bots..lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys..lb. .09 - —
USP, 85%, s. g. 1.710, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs..lb. .15 - —
50% s.g., 1347, cbys., 70 lbs. lb. .12 - —
djns., 25 lbs..lb. .15 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Picramic, kgs..lb. .65 - .70
Picric, bbls., c.l..lb. .30 - —
l.c.l..lb. .35 - .40
Propionic, ref., cbys., works. lb. .25 - —
dms., works..lb. .22 - —
tech., cbys., works..lb. .20 - —
dms., works..lb. .16 - —
Pyrogallic, tech., lump, powd., bbls..lb. .90 - —
cns..lb. .95 - —
USP, cryst., cns..lb. 1.55 - 1.60
resubl., cns..lb. 1.90 - 2.00
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, dms..lb. .38 - —
Salicylic, tech., bbls..lb. .33 - —
USP, bbls..lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works..lb. .37 - .41
Soybean oil, dist., dms..lb. .10½- .11½
Stearic, distil., double pressed, bgs., dlvd..lb. .12½- .13½
single pressed, bgs., dlvd.lb. .12 - .13
triple pressed, bgs., dlvd.lb. .15¼- .16¾
saponif., double pressed bgs., dlvd..lb.12¾- .13¾
triple pressed, bgs., dlvd..lb. .15½- .16½
Succinic, bbls..lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works..lb. .17 - —
Sulphonaphthenic, dms..lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
1 to 9, works...100 lbs. 2.10 - —
tanks, E. works..ton.12.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
1 to 9, works...100 lbs. 2.35 - —
tanks, E. works..ton.15.50 - —
98%, tanks, works..ton.16.50 - —
CP, cbys..lb. .06½- .07½
9-lb. bots..lb. .08½- .17½
fuming, 20%, tanks, E. works. ton.18.50 - —
65%, tanks, E. works....ton.35.00 - —
Tannic, tech., bbls..lb. .26 - .32
USP, fluffy, bbls., 1,000 lbs. lb. .68 - —
smaller lots..lb. .70 - —
powd., bbls., 1,000 lbs....lb. .78 - —
smaller lots..lb. .80 - —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .22¾- —
smaller quantities..lb. .23¼- —
kgs..lb. .23¾- —
Tobias, bbls..lb. .65 - —
Trichloroacetic, bots..lb. 2.00 - 2.50
Tungstic, CP, kgs..lb. 3.00 - —
tech., kgs..lb. 2.75 - —
Aconite leaves, bls..lb. .22 - .24
Root, bls..lb. .30 - .32
Aconitine, amorph., bots.....oz.17.00 -18.00
vls..gr. .06 - .09
cryst., bots..oz.30.00 - —
vls..gr. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms..lb. .16 - .18
Agar agar, 1, bls..lb. 1.05 - 1.10
2, bls..lb. .95 Nom.
3, bls..lb. .85 - .90
Agaric, white, bls..lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .11 - —
ton lots, Chicago..lb. .12 - —
less than ton, Chicago, lb. .13 - .15
ton lots, Chicago..lb. .15 - —
less than ton, Chicago...lb. .17 - .20
light, dom., flake, dms, Chicago..lb. .47 - .60
import, bgs..lb. .50 - —
Egg, ed., dom., bbls..lb. 1.05 - —
import, cs..lb. .77 - .78
Milk, grd., sks., c.l.....ton. No stocks
ungrd., sks., c.l.....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld..lb. .143 - —
tanks, frt. alld..lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms..lb. .10 - —
tanks, same terms..lb. .08½- —
Benzyl, cans..lb. .70 - —
drums..lb. .63 - —

Acacia—Alum, Ammo.

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt., alld..lb. .10¼- —
tanks, frt., alld..lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .08 - —
l.c.l., same terms..lb. .08¼- —
tanks, same terms..lb. .07 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capyrl, pure, dms., works...lb. 2.50 - —
tech., dms., works..lb. .85 - —
Cetyl., dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs..lb. 1.70 - —
100 lbs..lb. 1.80 - —
25 lbs..lb. 1.90 - —
5 lbs..lb. 2.00 - —
comL, dms..lb. .95 - —
import, 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs..lb. .75 - —
comL, dms., 350 .bs.....lb. .45 - —
Cinnamic, bots..lb. 2.50 - 3.50
Denatured, CD11, 12, 13, dms.. c.l., works, E., frt. equal.gal. 33 - —
20 dms., East..gal. .35 - —
1-19 dms., East..gal. 38 - —

Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works..gal. .33 - —
19 bbls., E. works...gal. .35 - —
1 to 18 bbls., E. works, gal. .38 - —
dms., c.l., E. works....gal. .32 - —
19 dms., E. works...gal. .34 - —
1 to 18 dms., E. works, gal. .37 - —
tanks, E. works.....gal. .26 - —

Anhydrous, 5c. per gal. higher.

Special solvent, dms., c.l., E. works..gal. .33 - —
20 dms., E. works...gal. .35 - —
1 to 19 dms., E. works, gal. .38 - —
tanks, E. works.....gal. .27 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .13½- —
l.c.l., frt. alld..lb. .14 - —
tech., contract, dms., c.l., frt. alld. .....lb. .12½- —
l.c.l., frt. alld..lb. .13 - —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.12 - —
19 bbls..gal. 4.14 - —
1 to 18 bbls..gal. 4.17 - —
dms., c.l..gal. 4.11 - —
19 dms..gal. 4.13 - —
1 to 18 dms..gal. 4.16 - —
tanks..gal. 4.05 - —
absolute, dms..gal. 4.04 - 6.08½

Grain alcohol 45c. per gal. higher.

Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky mts.lb. .13 - —
l.c.l., same terms..lb. .13½- —
tanks, same terms..lb. .12 - —
Isoamyl, primary, dms., l.c.l., dlvd. .....lb. .27 - —
cans, works..lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms..lb. .10 - —
tanks, same terms..lb. .08¼- —
Isopropyl, denat., grd., dms., c.l., frt., alld..gal. .32 - —
l.c.l., frt., alld..gal. .33 - —
refd., 91% dms., c.l., f.o.b. dest. .....gal. .39½- —
l.c.l., same terms...gal. .44½- —
tanks, same terms....gal. .34½- —
98%, dms., c.l., same terms, gal. .44½- —
l.c.l., same terms....gal. .49½- —
tanks, same terms....gal. .39½- —
tech., 91%, dms., c.l., same terms..gal. .35 - —
l.c.l., same terms....gal. .40 - —
tanks, same terms....gal. .30 - —
98%, dms., c.l., same terms, gal. .39½- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works..lb. .25 - —
Aletris root, bgs..lb. .30 - .31
Alizarin (see Red, alizarin).
Alkanet root, bgs..lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs..lb. .19 - .20
Curacao, cs..lb. .21 - .22
gourds, bbls..lb. .50 - .51
Socotrine, kgs..lb. .32 - .33
Aloin, bbls., cns..lb. 1.50 - 1.55
Alphanaphthol, bbls..lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works.....100 lbs. 3.60 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works....100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —

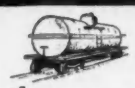
Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Alum, Potash—Ammon. Sulpho.

Alum, potash, gran., bbls., works.	100 lbs.	3.00	- 3.25
dlvd. N.Y., Phila.	100 lbs.	3.15	- —
lump, bbls., works.	100 lbs.	3.25	- 3.50
dlvd. N.Y., Phila.	100 lbs.	3.40	- —
powd., bbls., works.	100 lbs.	3.40	- 3.65
dlvd. N.Y., Phila.	100 lbs.	3.55	- —
Potash alum prices on same basis as those for ammonia alum.			
Potash-chrome, bbls.	lb.	.07	- .07¼
Soda, bbls., c.l., works.	100 lbs.	3.25	- —
l.c.l., dlvd.	100 lbs.	4.25	- 5.00
Alumina acetate, CP, 20% solut., bbls.	lb.	.09	- .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works.	lb.	.05	- —
12,000 to 40,000 lbs., works.	lb.	.06	- —
1,100 to 11,000 lbs., works.	lb.	.07	- —
140 to 875 lbs., works.	lb.	.08	- —
100 lbs. or less, works.	lb.	.09	- —
cryst., com'l, dms., c.l., works.	lb.	.06	- —
l.c.l., dms., works.	lb.	.06¼	- —
solution, 32 deg., cbys., c.l., works.	lb.	.02¾	- —
l.c.l., cbys., works.	lb.	.03¼	- —
Hydrate, heavy, bbls., c.l., works.	lb.	.0290	- —
less car lots, works.	lb.	.03½	- —
light, bbls., dlvd.	lb.	.13	- —
Oleate, dms., contr.	lb.	.16¾	- —
open order	lb.	.17¼	- .18¾
Palmitate, precip., bbls.	lb.	.22	- —
Resinate, precip., dms., dlvd.	lb.	.15	- —
Alumina stearate, precip., bbls., ctns., c.l.	lb.	.19	- —
l.c.l., ton	lb.	.20	- —
less than ton	lb.	.21	- —
Sulphate, com'l bgs., c.l., works, frt. equalzd.	100 lbs.	1.35	- —
l.c.l., works, frt. equald.	100 lbs.	1.60	- —
bbls., c.l., works, frt. equald	100 lbs.	1.55	- —
l.c.l., works, frt. equald.	100 lbs.	1.90	- —
iron-free, bgs., c.l., works,	100 lbs.	2.00	- —
l.c.l., works	100 lbs.	2.25	- 2.40
truckload, dlvd, met. N.Y.	100 lbs.	2.40	- —
10 to 24, dlvd. met. N.Y.	100 lbs.	2.55	- —
5 to 9, dlvd. met. N.Y..	100 lbs.	2.80	- —
1 to 4, dlvd. met. N. Y.	100 lbs.	3.30	- —
bbls., c.l., works	100 lbs.	2.20	- —
l.c.l., works	100 lbs.	2.45	- —
truckloads, dlvd., met. N.Y.	100 lbs.	2.60	- —
10 to 24, dlvd. met. N.Y.	100 lbs.	2.75	- —
5 to 9, dlvd., met. N.Y.	100 lbs.	3.00	- —
1 to 4, dlvd. met. N.Y.	100 lbs.	3.50	- —
Aluminum, 98-99%, dms., c.l.	lb.	.20	- —
l.c.l.	lb.	.21	- —
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss.	lb.	.63½	- —
5,000 lbs., same basis	lb.	.64½	- —
2,000 lbs., single shipt., same basis	lb.	.65	- —
Aluminum, paste (Continued):—On 2,000-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 2,000-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.			
ink, dms., 30,000 lbs., same basis	lb.	.73½	- —
5,000 lbs., same basis	lb.	.74½	- —
2,000 lbs., single shipt., same basis	lb.	.75	- —
split shipts. (see note fine lining paste).			
standard, dms., 30,000 lbs., same basis—lb.		.41½	- —
5,000 lbs., same basis	lb.	.42½	- —
2,000 lbs., single shipt., same basis	lb.	.43	- —
split shipts. (see note fine lining paste).			
powder, lining, extra fine, dms., 30,000 lbs., same basis	lb.	.90½	- —
5,000 lbs., same basis	lb.	.91	- —
2,000 lbs., single shipt., same basis	lb.	.92	- —
split shipts. (see note fine lining paste).			
standard, dms., 30,000 lbs., same basis	lb.	.53½	- —
5,000 lbs., same basis	lb.	.54½	- —
2,000 lbs., single shipt., same basis	lb.	.57	- —
split shipts. (see note fine lining paste).			
Aluminum, powd., litho, extra brilliant, dms, 30,000 lbs., same basis	lb.	.41½	- —
5,000 lbs., same basis	lb.	.42½	- —
2,000 lbs., single shipt., same basis	lb.	.43	- —
split shipts. (see note fine lining paste).			
extra fine, dms., 30,000 lbs., same basis	lb.	.45½	- —
5,000 lbs., same basis	lb.	.46½	- —
2,000 lbs., single shipt., same basis	lb.	.47	- —
split shipts. (see note fine lining paste).			
standard, dms., 30,000 lbs., same basis	lb.	.40½	- —
5,000 lbs., same basis	lb.	.41½	- —
2,000 lbs., single shipt., same basis	lb.	.42	- —
split shipts. (see note fine lining paste).			
wallpaper, dms., 30,000 lbs., same basis	lb.	.41½	- —
5,000 lbs., same basis	lb.	.42½	- —
2,000 lbs., single shipt., same basis	lb.	.43	- —
split shipts. (see note fine lining paste)			
rubber comp., dms., 30,000 lbs., same basis	lb.	.38½	- —
5,000 lbs., same basis	lb.	.39½	- —
2,000 lbs., single shipt., same basis	lb.	.40	- —
split shipts (see note fine lining paste)			
unpolished, dms., 30,000 lbs., same basis	lb.	.35½	- —
5,000 lbs., same basis	lb.	.36½	- —
2,000 lbs., single shipt., same basis	lb.	.37	- —
split shipts. (see note fine lining paste)			
varnish, extra brilliant, dms., 30,000 lbs., same basis	lb.	.41½	- —
5,000 lbs., same basis	lb.	.42½	- —
2,000 lbs., single shipt., same basis	lb.	.43	- —
split shipts. (see note fine lining paste)			
extra fine, dms., 30,000 lbs., same basis	lb.	.45½	- —
5,000 lbs., same basis	lb.	.46½	- —
2,000 lbs., single shipt., same basis	lb.	.47	- —
split shipt (see note fine lining paste)			
standard, dms., 30,000 lbs., same basis	lb.	.40½	- —
5,000 lbs., same basis	lb.	.41½	- —
2,000 lbs., single shipt., same basis	lb.	.42	- —
split shipts. (see note fine lining paste)			
Ambergris, gray, tins	oz.	22.00	- 35.00
Amidopyrene, fib., dms., 100 lbs..	lb.	4.00	- —
bots., 5 lbs	lb.	4.22	- 4.25
Ammonia, acetate, kgs	lb.	.26	- .33
Aldehyde, dms	lb.	.65	- .70
Anhydrous, fertilizer, tanks, (50,000 lbs.) works.	lb.	.04½	- —
refrigeration, tanks, works.	lb.	.06¼	- —
pure, cyls., dlvd., met. N.Y.	lb.	.19	- .22
Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.			
Aqua, 26°, cbys	lb.	.05¼	- —
dms., c.l.	lb.	.02¼	- —
l.c.l.,	lb.	.02¾	- —
tanks (on NH_3 content)	lb.	.04½	- —
tankwagons	lb.	.02	- —
Benzoate, dms., 4,000 lbs. or more.	lb.	.41	- .42
1,000 lbs. to 3,900 lbs.	lb.	.42	- .43
900 lbs. or less	lb.	.45	- .46
kgs., 4,000 lbs. or more	lb.	.40	- —
1,000 lbs., to 3,900 lbs	lb.	.41	- —
900 lbs. or less	lb.	.44	- —
Bicarbonate, bbls., c.l., works.	100 lbs.	3.15	- —
l.c.l., dlvd. N.Y.	100 lbs.	3.71	- —
Bifluoride, bbls	lb.	.16	- .18
Borate, bbls., kgs	lb.	.15	- .16
Bromide, gran., bbls	lb.	.35	- —
bxs.	lb.	.38	- .39
kgs.	lb.	.36	- —
Carbonate, tech., dom., bbls.	lb.	.08	- .12¼
imported, csks	lb.	.08	- .12¼
USP, lump, dms	lb.	.08	- .11
powd., bbls., dms	lb.	.09	- —
Chloride, tech. (see Ammoniac, sal)			
USP, gran., bbls	lb.	.11	- .16
kgs.	lb.	.15	- —
Citrate, dms	lb.	.80	- —
cns.	lb.	.85	- —
Fluoride, pcls	lb.	.17	- .19
Hydroxide (see Ammonia, aqua).			
Hypophosphite, fib., dms	lb.	1.10	- 1.17
jars	lb.	1.20	- —
Iodide, 5-lb. bots	lb.	3.32	- —
jars	lb.	3.25	- —
Laurate, bbls	lb.	.23	- —
Linoleate, 80%, anhyd., bbls.	lb.	.15	- —
Naphthenate, bbls	lb.	.17	- —
Nitrate, tech., bags, c.l., works.	100 lbs.	3.60	- —
bbls., works	100 lbs.	3.75	- —
l.c.l., bags, works	100 lbs.	3.85	- —
bbls., works	100 lbs.	4.00	- —
Oleate, dms	lb.	.15	- —
Oxalate, neutral, cryst., powd., bbls., kgs.	lb.	.22¼	- —
Perchlorate, kgs	lb.	.16	- —
Persulphate, kgs	lb.	.21	- .23
Phosphate, dibasic, N.F.V., bbls.	lb.	.37	- —
kgs.	lb.	.39	- —
tech., bbls., c.l.	lb.	.07¼	- —
l.c.l.	lb.	.09	- .10
monobasic, crude (fertilizer grade), 11% N 48% phos., bulk, f.o.b. E. works.	unit-ton.	1.20 &	.70
pure, bbls	lb.	.40	- .43
tech., bbls., c.l.	lb.	.07¼	- —
l.c.l.	lb.	.09	- .10
Ricinoleate, bbls	lb.	.15	- —
Salicylate, USP, kgs	lb.	1.15	- 1.20
Sulphate, dom., bulk, c.l., Apr. June dlvy., dlvd., Ill., Ind., Mich., Ohio.	ton.	25.00	- —
f.o.b. cars, Atlantic, Gulf ports.	ton.	27.00	- —
Birmingham, Ala., ovens.	ton.	27.00	- —
Northern ovens.	ton.	25.00	- —
barge lots, Sparrows Point, Md., Brooklyn, N. Y.	ton.	26.00	- —
dbl. bgs., export, f.a.s. N.Y.,	ton.	No prices	
Sulphide, liquid, dms., works.	lb.	.12	- .15
tanks, delvd	lb.	.11	- —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works.	lb.	.14	- —
smaller lots, works.	lb.	.16	- —
pure, 98-100%, kgs	lb.	.65	- —

COAL TAR PRODUCTS

15 PLANTS TO SERVE YOU



Preference for a given source of supply is based upon more than quality of the product. Users must be assured of ability to procure full requirements, accurately and promptly. In Reilly Coal Tar Products these qualifications are completely met. Perfected methods of production and strictest laboratory control combine to insure highest quality and dependable uniformity. But, in addition, facilities provided by fifteen modern plants strategically located make these products available at any time and anywhere. In the field of coal tar products and derivatives, you will find Reilly capable and intent to serve.

REILLY TAR & CHEMICAL CORPORATION

EXECUTIVE OFFICES: MERCHANTS BANK BUILDING, INDIANAPOLIS, INDIANA

2513 SO. DAMEN AVE. CHICAGO, ILL. | 500 FIFTH AVENUE NEW YORK, N.Y. | ST. LOUIS PARK MINNEAPOLIS, MINN.

Ammoniac, gum (see Gum, ammoniac).
Sal. gray, dom., bbls. c.l. 100 lbs. 5.50 - 5.75
l.c.l. 100 lbs. 6.00 - .0670
white, gran., dom., bbls. contracts, works..100 lbs. 5.00 - 5.05
import, csks.....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tanks, works.....lb. .10½- —
ex pentane, dms., frt., alld., lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms., 80 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .62 - —
Chlorides, mixed, tech., dms., c.l.,works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works..lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, cans.....lb. .65 - 1.25
Stearate, dms., l.c.l. works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots .....lb. 1.15 - 1.20
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .28 - .30
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .35 - .36
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14 - —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .12 - .12½
Star, bgs.....lb. .11½- .12
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07½- .08½
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, dom.....lb. .16½- —
Chinese, duty paid.....lb. .17 - —
Needle, powd., bbls.....lb. .17½- .19½
Oxide, dom., bbls., c.l.....lb. .16½ Nom.
l.c.l. .....lb. .16¾ Nom.
import, bbls. .....lb. .16¾ Nom.
Salts, 65%, kgs.....lb. .23¾- .24
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c. lb. lb. .11½- .14¼
Antipyrene, bbls., kgs., ton lots. lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .13
Arecoline hydrobromide, bots., oz. 5.50 - 6.50
Argols, crude, 30%, csks.....lb. .07 - .08
80-85%, csks.....lb. .16 - .18
Arnica flowers, bls. .....lb. .27 - .29
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .09¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .32 - .35
Asbestine (see Talc. N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y..lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton36.50 - —
Cuban A., bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N.Y...ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points. ton.32.90 - —
seconds, bgs., c.l., Western shipt. points.....ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.49.50 - —
Jet, bgs., c.l., Western shipping points..ton.30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery .....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery. gal. .12 - —
tanks, Calif., refinery....ton.12.50 -14.00
East Coast, refinery....gal. .06 - .06¼
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery.....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns. .....oz. 2.65 - —

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .14 - .15
Barbital, cs. .....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.44.00 - —
99%, 200 mesh, bgs., c.l., works..ton.47.00 - —
precip., bgs., bbls., c.l. works, ton.52.50 -57.50
l.c.l., works.....ton.57.50 -62.50
sulphur-free bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls....lb. .19 - —
dms. .....lb. .20 - —
tech., dom., cryst., bbls., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Arkansas line. ton.72.00 -74.00
l.c.l., same basis....ton.85.00 -87.00
Zone 2, bgs., bbls., c.l., dlvd. Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla.....ton.76.00 -78.00
l.c.l., same basis....ton.89.00 -91.00
Zone 3, bgs., bbls., c.l., dlvd. Minn., Ia., Mo., Tex., Mont., Wyo., Col., N. Mex., Idaho, Utah, Ariz., ton.82.00 -84.00
l.c.l., same basis....ton.95.00 -97.00
Zone 4, bgs., bbls., c.l., dlvd. Wash., Ore., Cali., Nev..ton.78.00 -80.00
l.c.l., same basis....ton.91.00 -93.00
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls. .....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex wrhse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis, ton.22.85 - —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex wrhse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton.25.00 -26.00
l.c.l., ex wrhse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock, ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex wrhse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .71¼Nom.
Bayberry bark, bgs.....lb. .18 - .19
April arrival, bgs.....lb. .13 - .15
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .10 - .11
Bentonite, 1, 95%, 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 200 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., cbys., dms. lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. 1.25 - —
5 to 25 lbs.....lb. 1.30 - 1.35
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works .....gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. works. sellers'
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .56 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb.13.00 -13.25
Hydrochloride, cns.....lb.13.00 -13.25
Sulphate, cns.....lb.14.75 -15.00
Berberis root, bls.....lb. .14 - .15
Betanapthol, sublm., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanapthylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb. bots....lb. 1.34 - —
cns .....lb. 1.29 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
cns. .....lb. 3.25 - —
Subcarbonate, bots., cns.....lb. 1.32 - 1.58
fib. dms .....lb. 1.23 - 1.26
X-ray, 5-lb. bots.....lb. 2.52 - —
fib. dms.....lb. 2.46 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.88 - —
Bismuth, subnitrate, powd., bots., cns..lb. 1.22 - 1.48
fib., dms.....lb. 1.13 - 1.16
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.06 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12½- —
l.c.l., frt. alld. E.....lb. .13 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .06¼- —
l.c.l., dlvd.....lb. .10¼- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4 bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0505- —
D (Ill., Ia., Wis.)..lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y. Ohio, part of Pa., Tenn., W. Va.)..lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .07 - —
ctns., l.c.l., dlvd. all zones, lb. .07½- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .06½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08¼
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y...lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b., N.Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .23 - .26
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal..ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66¾%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 4.00 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 3.95 - —
import, bgs., c.l.f. ports, April-May shipt....unit-ton. 3.95 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .16
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —

Ammoniac Gum—Brown

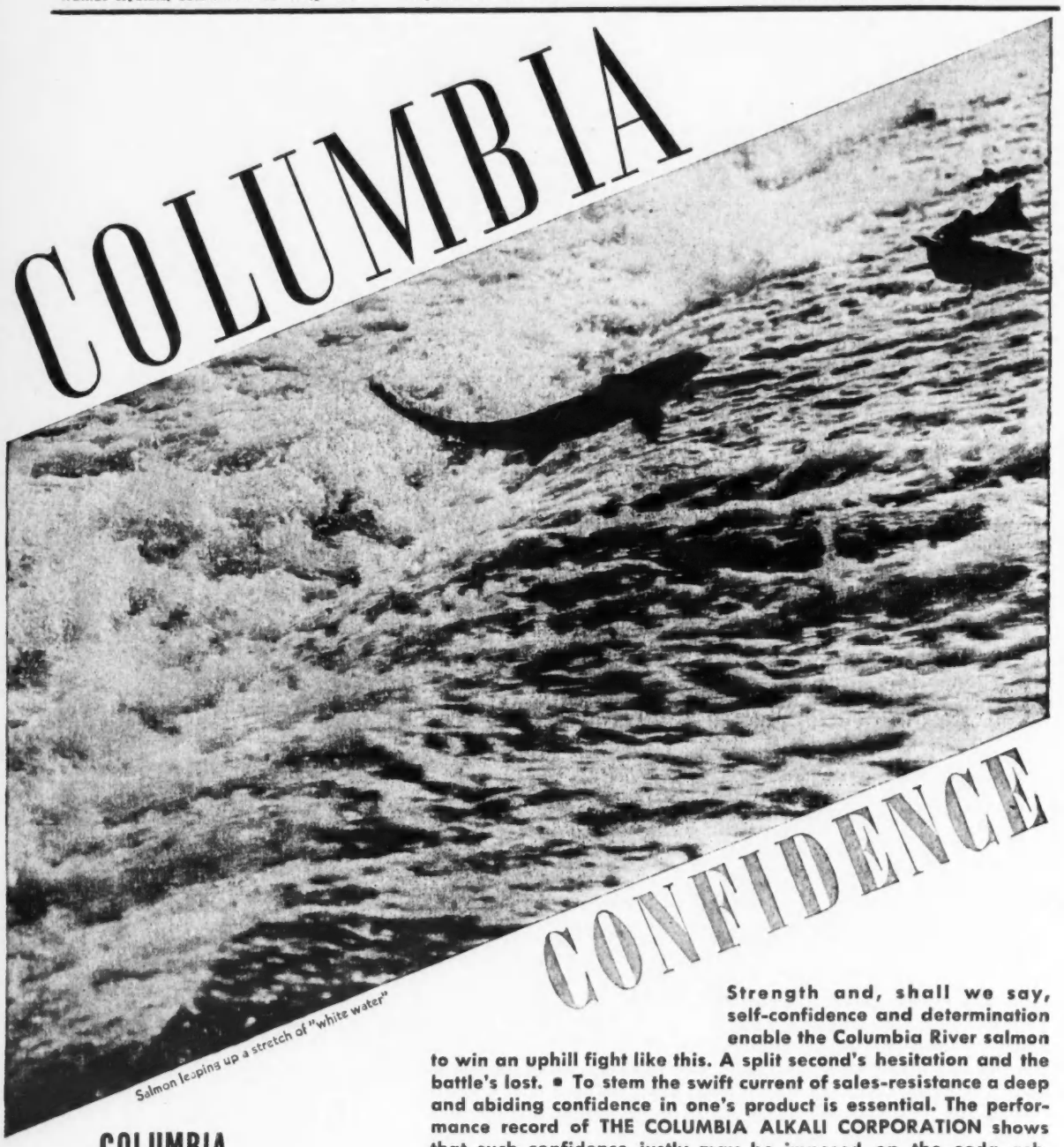
Blue, celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.60 - —
Imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.45 - —
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open door.....lb. .37 -
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .10 - —
regular, 1 bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis..lb. .26 - —
B, bbls., same basis..lb. .28 - —
C, bbls., same basis..lb. .32 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .23 - —
B, bbls., same basis...lb. .31 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basis..lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse. is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 25-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefag root, bls.....lb. .16 - .16
Blue mass, USP., cns., kgs....lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works.100 lbs. 5.75 - —
16-25 bbls., same basis. 100 lbs. 6.00 - —
6-15 bbls., same basis. 100 lbs. 6.10 - —
3-5 bbls., same basis. 100 lbs. 6.35 - —
1-2 bbls., same basis. 100 lbs. 6.50 - —
monohydrated, dms., c.l. ers..lb. .10 - —
l.c.l., dealers.....lb. .11 - —
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon 50% phos., bgs., f.o.b. Chicago..ton.28.00 -30.00
c.i.f., Atlantic ports..ton.37.00 - —
S.A., bgs., c.i.f. ports.ton.36.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.21.00 -23.00
import, 100-lb. bgs., c.i.f. ports, Apr. shipt..ton.26.00 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon 60% phos., bgs., f.o.b. Chicago..ton.20.00 -21.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.25.50 - —
Borage flowers, bls.....lb. .21 - .23
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, dms., same basis.lb. .10¼- —
l.c.l., dealers, dms., same basis..lb. .10¼- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .55
moulding, cns., dms., over 10 lbs..lb. .85 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .12
Brown, iron oxide, pure precip., cks., f.o.b. N.Y. or works..lb. .12¼- —
Metallic, bbls, works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points.....lb. .12¼- —
2, bbls., same basis.....lb. .11¼- —
3, bbls., same basis.....lb. .10¼- —
4, bbls., same basis.....lb. .08¾- —
5, bbls., same basis.....lb. .08¾- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .08 - —
8, bbls., same basis.....lb. .07¾- —
9, bbls., same basis.....lb. .07¼- —

Brown—Catnep

Brown, sienna, burnt, Ital., 10 bbls., same basis..lb. .06⅞- —
11, bbls., same basis....lb. .06¾- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works lb. .02⅝- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10⅝- —
3, bbls., same basis.....lb. .10¾- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08⅝- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis....lb. .05⅝- —
11, bbls., same basis....lb. .04⅝- —
Umber, American, bbls., works. lb. .02⅝- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04⅝- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04⅝- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04⅝- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle. lb. .04⅞- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05⅝- —
Walnut crystals, bbls.....lb. .05½- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .65 - .75
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .05½- —
l.c.l., dlvd. E.....lb. .06¾- —
import., stands.....lb. .11½- .12½
Butanes, comi., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld.lb. .10½- —
tanks, contract, frt. alld.lb. .09 - —
secondary, dms., c.l., frt. pd. E. of Rocky mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Alcohol (see Alcohol).
Aldehyde, dms., l.c.l. .....lb. .17½- —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- —
Propionate, dms., dlvd.....lb. .17 - —
Stearate, dms.....lb. .25 - —
Butyric, ether, bots.....gal. 6.60 - 6.95
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, bots., jars.lb. 1.44 - 1.59
Iodide, bots.....lb. 3.77 - 3.82
jars .....lb. 3.65 - —
Lithopone (see Yellow).
Cadmium, metal, cs.....lb. 1.20 Nom.
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100 lb. dms., 10,000 lbs. or more..lb. 2.05 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.15 - —
100 lbs.....lb. 2.25 - —
25 lb. dms. 10,000 lbs., or more. lb. 2.08 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.18 - —
100 lbs.....lb. 2.28 - —
25 lbs.....lb. 2.40 - —
10-lb. cns., 10,000 lbs., or more. lb. 2.10 - —
2,000 lbs., or more.....lb. 2.15 - —
1,000 lbs., or more.....lb. 2.20 - —
100 lbs.....lb. 2.30 - —
less than 100 lbs.....lb. 2.45 - 2.60
5 lb. cns., 25 lbs., or more. lb. 2.40 - —
less than 25 lbs.....lb. 2.55 - 2.70
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots.....lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .45 - .50
Calcium acetate, bgs., dlvd..... 100 lbs. 2.25 - —
Arsenate, dms., c.l., dealers, North and West..lb. .06¾ —
l.c.l., dealers.....lb. .07¼- —
Calcium arsenate, southern cotton states, dealers, dms., c.l. lb. .06½- —
l.c.l., dealers.....lb. .07 - —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, jar .....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Calcium, chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd..ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms.. c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm. gran., powd., bbls., 125 lbs..lb. .50 - —
dms. .....lb. .55 - .57
cns. .....lb. .68 - .88
Glycerophosphate, fib., dms., 1,000 lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, USP, bbls., 200 lbs.lb. .25 - —
Nitrate, bgs., to fert. mfrs., ex-vessel..ton.28.10 - —
Palmitate, bbls.....lb. .22 - .23
Phosphate, dibasic, precip., 35-42% P_2O_5 bgs., c.l.f. Atlantic ports, May shipt., unit-ton. .75 - —
spot .....unit-ton. .77½- —
tribasic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton. lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., 1 ton.....lb. .20 - —
smaller lots.....lb. .21 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l. works.....ton.56.00 - —
83/85 CaS, c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works. 100 lbs..lb. .85 - —
smaller lots.....lb. 1.00 - —
Sulphocarbolate, bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .43 - .45
Calomel, bbls., fib., dms.....lb. 1.40 - 1.41
Camphor, natural, powd., cs..lb. .55 - .56
slabs, cs.....lb. .55 - .56
tablets, tins.....lb. .60 - .61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs. .....lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
tablets, imp.,cs., 2,000 lbs.lb. .54 - —
500 lbs.....lb. .55 - —
100 lbs.....lb. .56 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs..lb. .06¾- .06¾
Morocco, bgs.....lb. .0636 Nom.
Turkish, bgs.....lb. .06½- .06¾
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .18 - .20
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.. .....lb. 1.35 - 1.40
powd., bxs.....lb. 1.70 - 1.75
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .07⅝- .08
Carbazole, 70-80%, dms., works.lb. .60 - —
90%, dms., works..... .89 - —
95%, dms., ton lots, works..lb. .70 - —
smaller quantities, works.. lb. .85 - —
98.5-99%, dms., ton lots, works. lb. .75 - —
smaller quantities, works.. lb. .85 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
small lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R..lb. .05 - —
l.c.l., same basis.....lb. .05⅝- —
5 gal. dms., c.l., same basis. lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .04½- —
Dioxide, cyls. .....lb. .08 - .09
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R.....lb. .06¼- —
l.c.l., same basis.....lb. .05⅝- —
10-gal. dms., c.l., (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid. 2c. lb. higher.
Cardamom, bleached, cs.....lb. 1.65 - 2.00
decorticated, cs.....lb. 1.50 - 1.60
green, bgs.....lb. 1.15 - 1.25
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .14 - .15
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10¾- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs, c.l., dlvd..lb. .14½- .15
5 tons, works.....lb. .15½- —
smaller lots, works.....lb. .16 - —
80-100 mesh, bgs., c.l., dlvd.. lb. .15 - .15½
5 tons, works.....lb. .16 - —
smaller lots, works....lb. .16½- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .18 - —
80-100 mesh, bgs., c.l., duty pd..lb. .18½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .18 - .19
Cassia, Batavia, 1, bgs.....lb. .13¾- .14
3, bls. .....lb. .07 - .07⅛
short stick, bls.....lb. .11¾- .12
China, rolls, select, cs.....lb. .05¾- .06¼
broken, extra bls.....lb. .04 - .04⅛
Saigon, bls.....lb. .15½- .16
Cassia buds, cs.....lb. .13½- .14
Cassia fistula, bskts.....lb. .09 - .10
Castile soap, white, bars, cs., 40 lbs.11.75 -12.50
powd., bbls.....lb. .28 - .35
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton.25.00 - —
import, bgs., c.l.f.,ports, shipment..ton. No prices.
Catnep leaves, bls.....lb. .18 - .19



Salmon leaping up a stretch of "white water"

COLUMBIA
SODA ASH
CAUSTIC SODA
SODIUM BICARBONATE
MODIFIED SODAS
CALCIUM CHLORIDE
LIQUID CHLORINE

Strength and, shall we say, self-confidence and determination enable the Columbia River salmon to win an uphill fight like this. A split second's hesitation and the battle's lost. • To stem the swift current of sales-resistance a deep and abiding confidence in one's product is essential. The performance record of THE COLUMBIA ALKALI CORPORATION shows that such confidence justly may be imposed on the soda ash, caustic soda, modified sodas, sodium bicarbonate, liquid chlorine and other products that come from its plants. Not for a split second has there been the slightest compromise with quality,...and there never will be. • You can count on COLUMBIA to pass on to the consumer all actual improvements in the products and their applications. And you can count on COLUMBIA, like the salmon of the same name, to be ever out in front.

THE COLUMBIA ALKALI CORPORATION
BARBERTON • OHIO
NEW YORK • CHICAGO • CINCINNATI • PITTSBURGH

Celery seed, French, bgs.....lb. .18¾- .19¼
Indian, bgs.....lb. .15½- .16
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, cs., works..lb. .40 - —
Acetobutyrate, 501 lbs. and over, works..lb. .52 - —
101 lbs., works.....lb. .58 - —
smaller lots, works.....lb. .55 - —
Cement, white, bbls. (4 bags), 5 tons, dlvd. N.Y...bbl. 6.10 - —
less than 5 tons, truck dlvy. bbl. 8.00 - —
Cerium hydrate, dms., works..lb. .60 - —
Oxalate, USP, bbls., works..lb. .28 - —
kgs., works.....lb. .30 - —
Chalk precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works.. .02¾- —
cks., 250 lbs., c.l., f.o.b., works..lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs..lb. .20 - .21
Roman, bls.....lb. .26 - .28
Charcoal, softwood, powd., bgs., c.l., dlvd, Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.30.80 - —
Ill., (except river points), Minn., Neb., Wis. .....ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso).....ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .02 - —
tanks .....lb. .01625- —
powd., bgs., works.....lb. .04⅞- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works..ton. 6.50 - —
99.75% 200 mesh, bgs., c.l., works..ton. 8.00 - —
l.c.l., works.....ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9% 325 mesh, bulk, c.l., works. ton. 8.50 - —
paper bgs., c.l., works. ton.11.00 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila..ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y...lb. .05½- —
contracts, dlvd., N.Y...lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald.....100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2. works, frt. equald... 100 lbs. 2.55 - —
1, works, frt. equald.. 100 lbs. 3.00 - —
Chloroacetophenone,tins,works..lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums, lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, coml., 185-lb. cyls., works, frt. equald..lb. .80 - —
5-lb. cyls., same basis....lb. 1.15 - —
Chrome acetate, bbls.....lb. .05 - .08
Cake, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .20 - .22
high test, bgs.....lb. .45 - .50
quills, broken, bgs.....lb. .20 - .22
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
sulphate, N.F., cns..100 ozs..oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP., boxes, 5 lbs. lb. 3.75 - —
bots. 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls.....lb. .19¼- .19½
3, bls. .....lb. .18¼- .18¾
Citral, cns.....lb. 1.75 - 3.15
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots., dms.....lb. 1.00 - 1.50
Citronellol, bots., dms.....lb. 1.75 - 1.90
Clove, Madagascar, bls.....lb. .18¾- .19¼
Zanzibar, bls.....lb. .19½- .20
Clover tops, bls.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
dms., c.l., works.....dm. 6.75 - —
l.c.l., works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l., works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09
Cobalt acetate, bbls., dlvd.....lb. .58 - .60
kgs., dlvd.....lb. .65 - —
Carbonate, tech., bbls., dlvd.lb. 1.50 - —
Chloride, dms., works.....lb. .67¾- .72¾
Hydrate, bbls.....lb. 1.60 - —
Linoleate, paste, 6%, dms...lb. .29 - —
solid, 8½%, bbls.....lb. .31 - —
Oleate, bbls.....lb. .26 - —
Oxide, black, kgs.....lb. 1.41 - 1.51
Resinate, fused, A, bbls.....lb. .13 Nom.
1%, bbls.....lb. .12½ Nom.
2%, bbls.....lb. .13½- —
3½%, bbls.....lb. .16½- —
precip., dms., dlvd.....lb. .31½- —
Sulphate, dms.....lb. .51 - .58
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .32 - .36
Teneriffe, silver, bgs.....lb. .33 - .37
Cocillana bark, bgs.....lb. .19 - .20
Cocoa butter, lumps, bgs., c.l..lb. .25 - .25¼
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs...oz.10.50 - —
Phosphate, cns., 100 ozs....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver)
Cohosh, black, root, bls.....lb. .07½- .08
Blue, root, bls.....lb. .06½- .07
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .23 - .25
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs..lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .70 - .75
Colombo root, bls.....lb. .55 Nom.
Coltsfoot leaves, bgs.....lb. .08 - .09
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba balsam, Para, cns....lb. .46 - .48
S.A., USP, cns.....lb. .48 - .50
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-59%, bbls.....lb. .19 - —
18-20%, bbls.....lb. .10½- .12½
Chloride, bbls.....lb. .17 - .18
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .15½- .16
Oleate, precip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. No prices
smaller lots, works....lb. No prices
Red, com'l, 50-75%, kgs., c.l., f.o.b. N. Y...lb. No prices
l.c.l., f.o.b. N. Y....lb. No prices
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol)
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0475 Nom.
Coriander seed, Morocco, bgs..lb. .05 - .05½
bleached, bgs.....lb. .07 - .07¼
Russian, bgs., lbs.....lb. No stocks.
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 4.24 - —
ex whse.....100 lbs. 4.34 - —
Syrup, 42°, bbls., c.l...100 lbs. 4.26 - —
43°, bbls., c.l.....100 lbs. 4.31 - —
Cornsilk, bls.....lb. .07¼- .08
Corrosive sublimate, cryst., bxs., lb. 1.28 - 1.33
dms., 25 lbs.....lb. 1.20 - —
gran., powd., bxs.....lb. 1.13 - 1.18
dms., 25 lbs.....lb. 1.05 - —
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd., unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs., cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .19 - .22
so-called, bls.....lb. .07 - .08
Cranesbill root, bls.....lb. .16 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .15¾- —
kgs. .....lb. .16¼- —
smaller lots, bbls.....lb. .16¼- —
kgs. .....lb. .16¾- —
Creosote, wood, beech., bots..lb. .70 - .75
USP, bots.....lb. .45 - .47
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13 - .13¼
Coaltar solution, tanks, works gal. .113 - .125
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .18 - .18½
Pine, dms.....gal. .28 - —
Cresol, USP, dms., c.l., works.lb. .10 Nom.
l.c.l., same basis.....lb. .10½ Nom.
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equaled., with Newark, Balto., and West Coast. lb. .27 - —
10,000 lbs. and over, same basis..lb. .28 - —
2,000 lbs. and over, same basis..lb. .29 - —
1,000 lbs. and over, same basis..lb. .31 - —
200 lbs. and over, same basis..lb. .33 - —
Cube root, 4% rotenone prices 5c. per lb. less.
coarse grd., 4% & 5% rotenone, prices 1c. less than powd.
3% rotenone, 6c. less than powd.
Cubeb berries, XX, bgs.....lb. .32 - .33
powd., cs.....lb. .36 - .37
Culver's root, bls.....lb. .17 - .19
Cumin seed, Algerian, bgs....lb. .07½- .08
Indian, bgs.....lb. .08¼- .08¾
Morocco, bgs.....lb. .07¾- .08¼
Cutch, Philippine, bls., c.l....lb. .04 - —
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd. interior. NH_3 unit. 1.15 - —
Atlantic ports. NH_3 unit. 1.10 - —
Cyanide-chloride mixture, 75%, gran., dms..lb. .16 - .17
lump, dms.....lb. .14 - .15

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Damiana leaves, bls.....lb. .17 - .18
Dandelion root, German, bls..lb. .20 - .21
Deertongue leaves, bls.....lb. .25 - .30
Degras, common, dom., bbls...lb. .08 Nom.
English, bbls.....lb. .08 Nom.
neutral, dom., bbls.....lb. .12½Nom.
English, bbls.....lb. .12½Nom.
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., f. shipment, f. o. b. N. Y., C., or Balto., frt. prepaid to West Coast ports..lb. .39 - —
30,000 lbs., contract or orders, basis..lb. .39½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
1 bbl., same basis....lb. .44 - —
less than 200 lbs., same basis..lb. .47 - —
import contracts, 30,000 lbs..lb. .21½- —
10,000 lbs. .....lb. .22 - —
4% rotenone prices 6c. per lb. less.
Dextrin, British, gum, c.l., f.o.b. Chicago..lbb lbs. 5.05 - —
l.c.l., f.o.b. Chicago..100 lbs. 5.25 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.70 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.90 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 4.75 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.95 - —
Potato, import., bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .08 - Nom.
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .19½- —
l.c.l., dlvd.....lb. .20 - —
tanks, dlvd.....lb. .18½- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works., lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Dianisidin, bbls. .....lb. 2.25 - 2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import., bgs., c.l., f.o.b. N. Y. ton.40.00 - —
Dibutyl phthalate, dms.....lb. .20 - —
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichloroethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms.....lb. .31 - .35
Diethyl carbonate, coml., dms.lb. .31¾- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol)
Phthalate, dms., c.l.....lb. .18 - —
l.c.l .....lb. .18½- —
tanks .....lb. .17 - —
Diethylanilin, dms.....lb. .50 - —
Diethyleneglycol, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - .23
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Diethyl sulphate, dms., c.l., works..lb. .13 - —
l.c.l., dms., works.....lb. .14 - —
tanks .....lb. .12 - —
Digitalis leaves, dms.....lb. .27 - .30
Diglycol oleate, light, bbls....lb. .21 - .24
Dillseed, recleaned, bgs.....lb. .06½- .07
Dimethyl phthalate, dms.....lb. .21 - —
Dimethylanilin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol)
Dinitrobenzene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls....lb. .16½- .17¼
Dinitronaphtiralene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .14½- .15½
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dip oil (see Tai acid oil)
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls, c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Diphenyl, oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .31 - .32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.34.00 Nom.
Dograss root, cut, bls.....lb. .13 - .14
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .07 - .08
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .90 - 1.00
Duboisine sulphate, vis.....oz.34.50 -35.00
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25
364 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50

Celery Seed—Ephedrine

Dyes, coaltar, for general uses (numbers are those of Colour Index Scale):—
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L....lb. .70 - 1.00
Sulphur black .....lb. .20 - .25
Sulphur blue .....lb. .40 - 1.60
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
835 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.55 - —
870 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown ....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.00 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .36 - —
873 Methylene gray ....lb. 1.50 - —
Blue:—
714 Patent blue A .....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue ....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
.. Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G, lb. .42 - —
57 Amidonaphthol red 6B, lb. .68 - —
79 Ponceau R .....lb. .48 - —
88 Fast red B .....lb. 1.05 - —
174 Fast red A .....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX..lb. .60 - —
185 Cochineal red A....lb. .60 - —
252 Brilliant crocein M..lb. .68 - —
677 Fuchsin .....lb. 1.90 - —
749 Rhodamine B .....lb. 3.50 - —
752 Rhodamine 6G .....lb. 4.50 - —
768 Eosin G .....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B....lb. .75 - —
681 Crystal violet C....lb. 1.75 - —
695 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .88 - —
138 Metanil yellow .....lb. .53 - —
636 Fast light yellow...lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .40 - .45
Egg albumen (ace Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .56 - .57
Elder flowers, bright, bls.....lb. .19 - .20
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs. .....lb. .18 - .19
select, bndls., cs.....lb. .45 Nom.
Emetine hydrochloride, bots., oz.15.00 -16.00
Ephedra, bls. .....lb. .06 - .07
Ephedrine, tins, 100 ozs. .....oz. 1.00 - —
Hydrochloride, tins, 100 ozs.oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs.....oz. 1.05 - —

Epsom Salt—Glue, Bone

Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. .....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 1.90 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.15 - —
smaller lots.....lb. 2.40 - —
bbls., c.l .....lb. 2.00 - —
l.c.l., 5,000 lbs. 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
kgs., c.l.....lb. 2.25 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.50 - —
smaller lots.....lb. 2.75 - —
import, bgs.....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs., dms.....lb. 1.95 - 2.00
Eserine, bots.....oz.2.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms., 400 lbs...lb. .09 - —
cne., 35 lbs.....lb. .14 - —
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07½- —
Acetoacetate, dms., c.l., works, lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, bots.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 - 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.70
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylbenzylanilin, dms.....lb. .86 - —
Ethylcellulose, 501 lbs. and over, works..lb. 1.00 - —
101 lbs., works.....lb. 1.05 - —
smaller lots, works.....lb. 1.15 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms, c.l., works, E. of Rockies, frt. alld..lb. .0545- —
West of Rockies, same basis..lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld..lb. .0644- —
West of Rockies, same basis..lb. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Monobutylether, dms., c.l., works lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works .....lb. .19 - .22
tanks works .....lb. .17 - —
Ethylidinanilin, dms .....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms .....lb. .65 - .70
Eucalyptus leaves, bls.....lb. .09 - .10
Eugenol, cns.....lb. 2.15 - 2.55
Euphorbia, bls.....lb. .06 - .0 3½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07½- .08
India, bags .....lb. .07¼- .07½
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04½- .05
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .13
smaller lots, E. works. lb. .13½- .14
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .17
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal. 8.75 -13.00
Oregon, bbls.....gal. 1.60 - 1.70
Fish berries, bgs.....lb. .09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 4.25 & .10
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.59.00-60.00 Nom.
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts..unit-ton. 3.00-3.15 & .50 Nom.
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f., ports, April-June shipt..ton.52.00 - —
nearby arrival....ton.56.00 -58.00

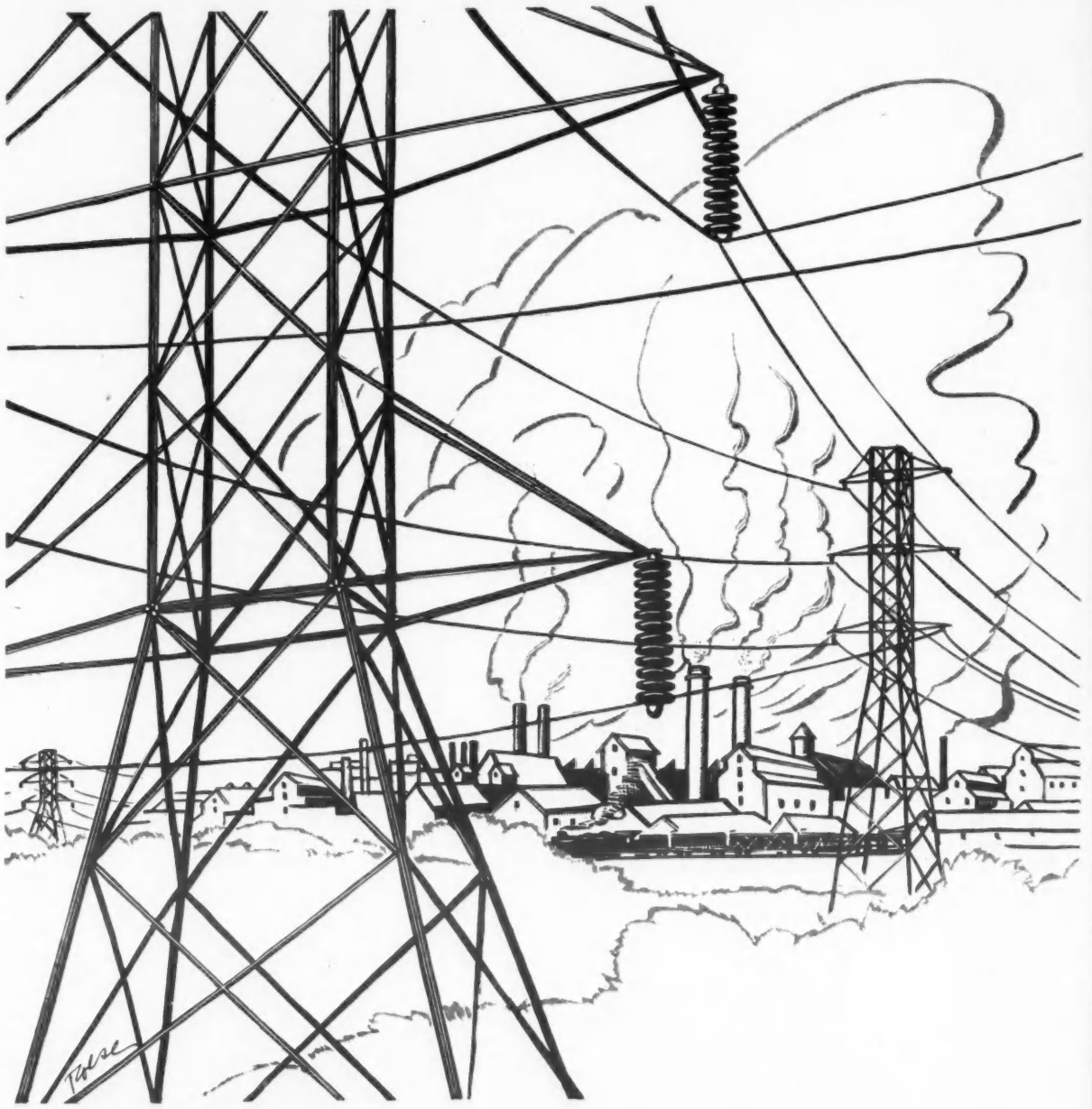
Flake white, bbls., kgs.....lb. .08¾- .09
Fleaseed, French, black, bgs..lb. .11 - .12
Indian blonde, bgs.....lb. .08 - .09
Fluorspar, enamel, 96-98%, bgs., ton. No prices.
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines, ton. No prices.
import., bulk, Atlantic ports, duty-paid..ton. No prices.
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton. No prices.
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No prices.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¼- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .13 - .14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.23.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .25
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12½- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .16 - .18
Fusic extract, cryst., bbls.....lb. .20 - .25
liquid, bbls.....lb. .08½- .09
solid, dms.....lb. .16 - .18

G

G salt, bbls.....lb. .45 - .48
Galangal root, bls.....lb. .08 - .09
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. No prices.
plantation, bgs.....lb. .08¾- .09
Cubes, Singapore, bgs.....lb. .10½- —
Extract, bbls.....lb. .08½ Nom.
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .07 - —
65 octane, tanks.....gal. .07¼- —
above 65 octane, tanks.gal. .07½- —
California, 54-58, tanks...gal. .07½- —
Gulf Coast, US motor, bulk, gal. .05¾- —
60-62, 390 e.p., bulk, export, gal. .06 - —
60-62, 400 e.p., bulk, export, gal. .05⅞- —
64-66, 375 e.p., bulk, export, gal. .06¼- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05¾- .06
63-67 octane, tanks....gal. .06½- .06⅝
68-70 octane, tanks....gal. .06¾- .06⅞
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¾- .05⅜
63-67 octane, tanks....gal. .05¼- .05⅜
68-70 octane, tanks....gal. .07⅜- .06⅛
60-62, 400 e.p., tanks....gal. .04¾- .05⅜
64-66, 375 e.p., tanks....gal. .05 - .05⅛
natural, 12-lb, vapor pres., tanks..gal. .05¼- .05½
14-lb, v.p., tanks.....gal. .05 - —
18-lb, v.p., tanks.....gal. .03¾- .03⅞
22-lb, v.p., tanks.....gal. .03½- —
26-70-lb., v.p., tanks..gal. .03 - .03⅛
Gasoline, at refinery, Pennsylvania, US motor, below 60 octane, tanks..gal. .05¼- —
60 octane, tanks.....gal. .06¾- —
52-54, 450 e.p., naphtha, tanks..gal. .04⅞- —
54-56, 400 e.p., strt, run, tanks..gal. .05¼- —
Gelatin, silver, cs.....lb. .50 - .55
Gelsemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .15 - .16
grd., bbls., bxs.....lb. .17 - .18
powd., bbls., bxs.....lb. .18 - .19
Geraniol, cns., dms.....lb. .60 - 3.00
Geranyl acetate, bots., dms...lb. 1.75 - 2.50
Ginger root, Africa, bgs.....lb. .16 - .16½
Cochin, lemon, bgs.....lb. .16 - .16½
Jamaica, bold, bgs.....lb. .18½- .19
grinding, bright, bgs.....lb. .15 - .15½
medium, bold, bgs.....lb. .15½- .16
Japanese, bgs.....lb. .16 - .16½
Ginseng fibers, cs.....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 2.00 - 4.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
36/58, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
58/82, bgs., c.l., dlvd.....lb. .15½- —
l.c.l., dlvd.....lb. .16 - —
82/108, bgs., c.l., dlvd.....lb. .16 - —
l.c.l., dlvd.....lb. .16½- —

MORE POWER

TO THE MEN WHO MAKE MARKETS



Glue, hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .17½- —
l.c.l., same basis.....lb. .18 - —
60/164,bgs.,c.l.,same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
67/192,bgs.,c.l.,same basis.lb. .20 - —
l.c.l., same basis.....lb. .20½- —
75/222, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis.....lb. .22 - —
83/251,bgs.,c.l.,same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
92/283,bgs.,c.l.,same basis.lb. .23 - —
l.c.l., same basis.....lb. .24 - —
102/315, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
113/347, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —
125/379, bgs., c.l., same basis lb. .25½- —
l.c.l., same basis.....lb. .26½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C.P., makers, cns., l.c.l. lb. .31 Nom.
resellers, cns., l.c.l.....lb. .38 Nom.
dms., extra, c.l.....lb. .29 Nom.
l.c.l. .....lb. .29½Nom.
dynamite, dms., extra, c.l....lb. .29 Nom.
l.c.l. .....lb. .29½Nom.
saponification, basis 88%, dms. returnable, dlvd..lb. .23 - .23½
soapIye, basis 80%, dms., returnable, dlvd..lb. .22 - .22½
yellow, distilled, dms., extra, cl. lb. .28⅞Nom.
l.c.l. .....lb. .29⅛Nom.

Glycol boriborate, dms.....lb. .26 - —
Phthalate, dms.....lb. .40 - —
Stearate, dms.....lb. .27½- —
Gold, U. S. purchase price....oz.35.00 - —
Chloride, acid, brown, bots..oz.21.75 -22.00
yellow, bots.....oz.19.75 -20.00
Gold-soda chloride, photo., bots. oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .20 - .21
Golden seal root; bls.....lb. 3.00 - 3.15
powd., bxs.....lb. 3.30 - 3.45
Grains of paradise, bgs.....lb. .25 - .26
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .08¼- .08¾
white, trcs.....lb. .09 - .10¼
yellow, trcs.....lb. .08¼- .08¾
Wool (see Adeps lanae and Degras)

Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —

Green, chrome, C.P., dark, light, medium, blue content
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

reduced, C.P. color content up
5%, bbls., same basis.lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07⅝- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16⅝- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17⅝- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —

Glue, Hide—Gum, Copal

Green, chrome, oxide, dom., pure, bbls. .21 - —
ceramic, light shades, bbls., c.l., works..lb. .23 - —
l.c.l. works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08½- .10
Guaiac resin, cs.....lb. .35 - .40
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .05
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, fib., dms., 25 lbs.lb. 2.20 - —
kgs, 100 lbs.....lb. 2.15 - —
Guarana, powd., cs.....lb. .75 - .80
Gum, aloe (see A)
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .12 - .12¾
white, sorts, 1, bgs.....lb. .29 - .30
2, bgs .....lb. .27 - .28
powd., bbls.....lb. .15 - .16
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.40 - 1.65
Sumatra, cs.....lb. .17 - .18
Camphor (see C)
Chicle, bgs.....lb. .40 - .45
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran...lb. .46 - —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

2, cloudy, white, bgs., c.l., same basis..lb. .30⅝- —
3, selected pale straw bold, bgs., c.l. same basis..lb. .20 - —
4, pale bold straw, bgs., c.l., same basis..lb. .19¼- —
5, pale straw bold, bgs., c.l., same basis..lb. .16 - —
6, pale amber bold, bgs., c.l., same basis..lb. .14⅜- —
7, pale straw bold, bgs., c.l., same basis..lb. .14⅜- —
8, light amber bold, bgs., c.l., same basis..lb. .13¼- —
9, medium light amber bold, bgs., c.l., same basis..lb. .09½- —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .10⅜- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .08¼- —
12, selected bold sorts, bgs., c.l., same basis..lb. .07¼- —
13, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19⅜- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06⅞- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05⅜- —
17, pale fingers, bgs., c.l., same basis..lb. .19 - —
18, pale straw nubs, bgs., c.l., same basis..lb. .12⅜- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11⅜- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¼- —
21, ordinary selected nubs, c.l., same basis..lb. .07⅜- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06⅜- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .07¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14⅜- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .06⅞- —
26, pale bold chips, bgs., c.l., same basis..lb. .06⅜- —
27, pale small chips, bgs., c.l., same basis..lb. .06¼- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .05¼- —
East India, Batu, bold scraped, bgs., c.l., same basis..lb. .05½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis, lb. .03⅜- —
dust, bgs., c.l., same basis..lb. .03⅜- —
nubs and chips, bgs., c.l., same basis..lb. .03⅜- —
black, bold, scraped, bgs., c.l., same basis..lb. .07¼- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .06½- —
dust.,bgs.,c.l.,same basis, lb. .03⅜- —
nubs, bgs., c.l., same basis..lb. .11¼- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .15⅜- —
chips, bgs., c.l.,same basis, lb. .04⅜- —
dust,bgs.,c.l.,same basis.lb. .03⅜- —
nubs,bgs.,c.l.,same basis.lb. .10⅜- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —
Ioba A, bskts., c.l., same basis..lb. .09⅜- —
B,bskts.,c.l., same basis.lb. .09¼- —
C,bskts.,c.l., same basis.lb. .08⅞- —
CNE, bskts., c.l., same basis..lb. .08 - —
D, bskts., c.l., same basis, lb. .08⅜- —
DK, bskts.,c.l., same basis, lb. .08 - —
DU, bskts., c.l.,same basis, lb. .08⅜- —
dust,bskts.,c.l., same basis, lb. .06¼- —
Sambas and white split chips, bskts., c.l., same basis..lb. .13⅜- —

. . ALL ALONG THE LINE

MARKETS are made when research joins the sales staff. Cyanamid research is giving salesmen in many industries better products to sell at the same and often at lower prices. For instance, shoe manufacturers are prolonging the life of their sole leathers through the use of leather tanned with TANAK DF*, while the tanners increase the yield of the leather and reduce the time of tanning. MEL-O-TEX, a special wax type softener, is helping textile finishers get smoother finishes with added weight and lessened stiffness. Newly developed printing presses require inks that dry quickly and give clearer impressions on unusual paper stocks. Cyanamid develops REZYL** and TEGLAC** RESINS that permit their economical production.

Ahead of American industry stretch vast undeveloped markets. To manufacturers who are striving to reach these markets first, Cyanamid offers added selling power in the form of new and more efficient working materials, expert technical cooperation and a comprehensive variety of chemicals ably serviced by a country-wide distributing system.

AMERICAN CYANAMID & CHEMICAL CORPORATION

30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

TEXTILE FINISHERS who prefer a wax type softening agent will find MEL-O-TEX the ideal material. Developed by Cyanamid, MEL-O-TEX is made from the highest grade vegetable and animal waxes. It emulsifies readily in water and produces a stable white emulsion. In finishing light weight silk and rayon fabrics, and cotton and rayon mixtures, MEL-O-TEX has proved exceptionally popular.

BETASOL OT* produces uniformly soft leather, even shades, dye penetration, and makes the finish adhere. New uses are steadily developed for this amazing wetting agent in the tannery.

TEGLAC 161, a unique alkyd resin, is especially well adapted for cooking with drying oils to make extra pale overprint varnishes which are remarkably resistant to discoloration on prolonged aging in light or darkness. TEGLAC 161 may be used to advantage also in special inks of various types, because of its hardness, ready solubility and low solvent retention.

KETONONE* E, a new plasticizing agent, because of its unusually mild odor is finding wide use in lacquers. KETONONE E is ethyl ortho benzoyl benzoate. Having a melting point of 53°C., it is a crystalline solid at room temperature . . . and therefore imparts to a lacquer film the characteristics of a resin and plasticizer, notably hardness and water resistance.

ALKALIES—SODA ASH, CAUSTIC SODA, CAUSTIC POTASH, CARBONATE OF POTASH, CALCIUM CHLORIDE—all grades for the glass, soap, textile, paper and the many other industries using alkalies.

*Registered U. S. Patent Office

**Registered trade-mark of the Rezyl Corporation. These products are protected by U. S. Patents.

Gum, Copal—Iron Iodide

Gum, copal, Manila, Singapore, dust, bskts., c.l., same basis..lb. .06½- —
spirit, soluble, CBB, bskts., c.l., same basis...lb. .08⅜- —
DBB, bskts., c.l., same basis, lb. .08⅜- —
MA, bskts., c.l., same basis, lb. .07¼- —
MB, bskts., c.l., same basis, lb. .06¾- —
WS, bskts., c.l., same basis, lb. .05⅛- —
Philippine Manila, amber sorts, bskts., c.l., same basis..lb. .08 - —
chips, pale, bskts., c.l., same basis..lb. .08⅜- —
small, bskts., c.l., same basis..lb. .08 - —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis..lb. .10⅜- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .0 ⅝- —
Pontianak, bold, genuine, bgs., same basis..lb. .16 - —
mixed, bgs., c.l., same basis lb. .14 - —
chips, bgs, c.l., same basis, lb. .10¼- —
nubs, bgs., c.l., same basis, lb. .12⅞- —
split, bgs., c.l., same basis, lb. .14⅛- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .23½- —
A/D, cs., c.l., same basis, lb. .17⅝- —
A/E, cs., c.l., same basis, lb. .14⅞- —
B, cs., c.l., same basis...lb. .22⅛- —
C, cs., c.l., same basis...lb. .18½- —
Gum, dammar, Batavia, D, cs., c.l., same basis..lb. .15¼- —
dust, cs., c.l., same basis, lb. .06⅛- —
E, cs., c.l., same basis...lb. .07⅜- —
F, cs., c.l., same basis...lb. .06¼- —
Singapore, 1, cs., c.l., same basis..lb. .18 - —
2, cs., c.l., same basis....lb. .15 - —
3, cs., c.l., same basis....lb. .05⅜- —
chips, cs., c.l., same basis, lb. .10⅜- —
dust, cs., c.l., same basis, lb. .05¼- —
seeds, cs., c.l., same basis, lb. .08½- —
Elemi, cns., c.l., same basis as copal..lb. .09⅜- —
Ester, dms., 75,000 lbs., dlvd. lb. .11½- —
c.l., single shipment, dlvd. lb. .11½- —
l.c.l., 3,000 lbs., single shipment, dlvd..lb. .11¾- —
smaller lots, dlvd.....lb. .12 - —
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs. .....lb. .95 - 1.00
Gamboge, pipe, cs. .....lb. .58 - .59
powd., bbls. .....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs.....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri, brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .36 - —
B1, cs., c.l., same basis..lb. .26 - —
B2, cs., c.l., same basis..lb. .21 - —
B3, cs., c.l., same basis..lb. .17½- —
80% chips, cs., c.l., same basis..lb. .11⅛- —
Gum, Kauri, pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .14⅜- —
Kino, tins .....lb. 1.60 - 1.70
Mastic, cs., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .45 - .50
Olibanum, siftings, cs.....lb. .07½- .18
tears, cs. .....lb. .13 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .33 - .35
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .22 - .24
sorts, bgs.....lb. .12 - .12¼
Talha, bgs.....lb. .05 - .06
Thus, bbls.....280 lbs. 13.00 Nom.
Tragacanth, Aleppo, 1, cs.....lb. 3.00 - 3.25
2, cs.....lb. 2.50 - 2.75
3, cs.....lb. 2.45 - 2.70
4, cs.....lb. 2.40 - 2.65
5, cs.....lb. 2.25 - 2.50
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis..lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15- —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
Gypsum, plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
Import., bgs., ex dock....ton.27.50 - —

H

Hellotropin, cryst., cns.....lb. 2.00 - 2.30
Hellebore, white, root, powd., bbls.lb. .12 - .13
Helonias root, bls.....lb. .37 - .38
Hematine crystals, bbls.....lb. .16 - .34
Hemlock extract, 25% tan., bbls.lb. .03½- —
tanks .....lb. .02⅝- —
Hempseed, Manchur, bgs.....lb. .04 - .04½
Henbane leaves, bls.....lb. .21 - .22
Henna leaves, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09½- —
normal, 86-100°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms .....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more shipments, same basis..lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13¼- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs.....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.75 - —
Hops, dom., 1936 crop, bls....lb. .46 - .51
import., 1936 crop, bls.....lb. .55 - .70
Horehound, bls.....lb. .07 - .08
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 ozs.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen, peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E. of Miss. R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., 225 lbs...lb. 1.10 - —
cns., 25 lbs.....lb. 1.12 - —
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs.....lb. .17 - .20

I

Iceland moss, bls.....lb. .13 - .14
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb. 34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.15 - —
kgs, 150 lbs.....lb. .90 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.65 - —
cbys., 5 gals.....gal. 1.75 - —
mild, bbls., 47 gals.....gal. .90 - —
cbys., 5 gals.....gal. 1.00 - —
Iodoform., dms., 100 lbs.....lb. 3.75 - —
jrs., 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 1.30 - 4.65
Ipecac root, bgs.....lb. 1.35 - 1.40
powd., bxs.....lb. 1.50 - 1.55
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .24 - .32
prime, bleached, bls.....lb. .20 - .21
Iron acetate, N. F., IV, cbys., 100 lbs..lb. .15 - —
IV, djns., 50 lbs.....lb. .16 - —
Chloride, tech., cryst., bbls., kgs..lb. .05 - .06
USP, cryst., bbls., 500 lbs..lb. .07½- —
kgs., 100 lbs.....lb. .08½- —
solut., USP, cbys., 130 lbs., lb. .06½- —
djns., 50 lbs.....lb. .16 - —
Citrate, USP VIII, pearls, cns. lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .37 - .38
bots. .....lb. .52 - —

LOOK UP AND TAKE YOUR BEARINGS

Scene in Our Plant, THE PIONEER ASPHALT COMPANY

THIS is a new and different period in industrial growth. Manufacturers must not only consider *immediate* needs for such vitally important products as chemicals, oils, pigments and similar materials, but they must also fortify themselves with a permanently reliable source of supply for *future* needs. WITCO is equipped with the resources, the facilities and the personnel to meet your present and future requirements promptly . . . and give you efficient cooperation in the use of:

WITCO CARBON BLACKS—available in grades to meet the specifications called for in any type of formula. A black for every purpose.

WITCO TITANIUM DIOXIDE sets a new standard in fineness, ease of grinding and uniformly neutral white color.

WITCO STEARITE is steadily growing in importance because of its economy as a dispersing agent, softener and accelerator activator for rubber. For polishing compounds, varnishes, plastics (as a water repellant) and as a base for stearate manufacture.

WITCO LITHOPONES are characterized by easy mixing, easy grinding and rapid dispersing qualities. They are of a brilliant white color and maximum opacity and covering power. A grade for every type of work.

WISHNICK-TUMPEER, INC.
Manufacturers and Importers

NEW YORK . . . 295 MADISON AVENUE
CHICAGO . . . . 365 E. ILLINOIS STREET
BOSTON . . . . . 141 MILK STREET
CLEVELAND . . 616 ST. CLAIR AVENUE, N. E.
WITCO LTD., BUSH HOUSE, LONDON, W. C. 2, ENGLAND

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BUY DIRECT AND PROFIT DIRECTLY

WITCO

Iron, nitrate, coml., kgs.....lb. .02⅝- .03
Oxalate, pewd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc)
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas)
USP. cryst., bbls., 275 lbs., lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .31 - —
fib., dms. .....lb. .24½- —
kgs. .....lb. .26½- —
Iron-potash oxalate, bbls. ....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs. .....lb. .31 - —
fib., dms. .....lb. .24½- —
kgs. .....lb. .26½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .21 - .23
Juniper berries, bgs.....lb. .05½- .06

K

Kamala, tins.....lb. .36 - .37
Kava kava root bls.....lb. .17 - .19
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks.gal. .05¾-
Gulf ports, p.w., bulk, export. gal. .04¾- —
w.w., bulk, export.....gal. .05⅛- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04¼- .04½
Oklahoma-Texas, 41-43 w.w. tanks..gal. .04⅜- .04¼
42-44 w.w., tanks.....gal. .04¼- .04⅜
Pennsylvania, 45 w.w., tanks, gal. .04⅞- —
46 w.w., tanks.....gal. .05 - —
47 w.w., tanks.....gal. .05⅛- —
Kerosene, tankwagon:—
Atlanta .....gal. .14½- —
Boston .....gal. .07½- —
Chicago .....gal. .101 - —
Cincinnati .....gal. .135 - —
Denver .....gal. .11 - —
Louisville .....gal. .10 - —
Minneapolis .....gal. .10½- —
New Orleans .....gal. .14 - —
New York.....gal. .07¼- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .11 - .12

L

Lady slipper root, bls.....lb. .42 - .45
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.12.00 -12.25
Middlewestern, trcs....100 lbs.11.75 -11.85
Neutral, trcs.....100 lbs.13.00 -13.25
Western, choice, trcs..100 lbs.11.85 -11.95
Compound, trcs.....100 lbs.13.50 -13.75
Larkspur seed, bgs.....lb. .24 - .25
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05 - .05½
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls.....lb. .60 - .75
Lead acetate, white, broken, bbls..lb. .13½- —
cryst., bbls. .....lb. .13½- —
gran., bbls .....lb. .14¼- —
powd., bbls. .....lb. .14¼- —
Arsenate, dms., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11½- —
1,000 lbs. or more, dealers dms., E. of Rockies..lb. .12 - —
W. of Rockies.....lb. .11¾- —
less than 1,000 lbs., dealers, E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .12½- —

Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for works or whse. pick-ups.

Blue, basic, sulphate, bbls., c.l., dlvd., E..lb. .07 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .07½- —
l.c.l., dlvd., E.....lb. .07¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .07¾- —
Carbonate (see Lead, white)
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars .....lb. 2.40 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report)
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .20 - —
5 lb. cont., f.o.b. works..lb. .23 - —
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .18¾- .20
Peroxide, cns., works.....lb. .46 - .47
Lead, red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0875- —
other points.....lb. .0850- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .09¾- —
Colo., Mont., N. Mex., Wyo....lb. .09½- —
other points.....lb. .09 - —
smaller lots, dlvd., Ala., etc..lb. .09¾- —
Ariz., etc. .....lb. .10¼- —
Colo., etc. .....lb. .10 - —
other points.....lb. .09½- —
97%, Pb_3O_4, bbls., c.l., (20 tons) dlvd., Ala., etc.lb. .09 - —
other points.....lb. .0875- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09½- —
Ariz., etc. .....lb. .10 - —
Colo., etc. .....lb. .09¾- —
other points.....lb. .09¼- —
smaller lots, dlvd., Ala., etc..lb. .10 - —
Ariz. .....lb. .10½- —
Colo. .....lb. .10¼- —
other points.....lb. .09¾- —
98% Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.lb. .0925- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .09¾- —
Ariz., etc. .....lb. .10¼- —
Colo., etc. .....lb. .10 - —
other points .....lb. .09½- —
smaller lots, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc. .....lb. .10¾- —
Colo., etc. .....lb. .10½- —
other points .....lb. .10 - —
in oil, steel kegs, 1,000 lbs..lb. .11¾- —
500 lbs.....lb. .12 - —
smaller lots.....lb. .12¾- —
Resinate, fused, 10%, bbls...lb. .09½- —
pale, bbls. .....lb. .11½- —
precip., bbls. .....lb. .16½- —
Stearate, bbls. .....lb. .22 - .23
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .12 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .12¼- —
smaller lots.....lb. .12½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¾- —
other points .....lb. .07½- —
l.c.l. dlvd. Ariz., etc..lb. .08 - —
other points .....lb. .07¾- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd. Ariz., etc..lb. .07½- —
other points.....lb. .07¼- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .11¾- —
500 lbs., dlvd.....lb. .12 - —
smaller lots, dlvd.....lb. .13 - —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls, bxs.....lb. .07 - .08
select, bndls., cs.....lb. .20 - .21
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa. ....ton. 7.00 - —
Berkley, W. Va. ....ton. 7.00 - —
California, northern..ton.11.80 - —
southern .....ton.11.45 - —
Cedar Hollow, Pa..ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio .....ton. 6.50 - —
Eagle Mountain, Va..ton. 6.25 - —
Easton, La. .....ton. 7.00 - —
Farnams, Mass. ....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo. .....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn. ...ton. 6.25 - —
Leroy, Minn. .....ton. 8.00 - —
Limedale, Ark. .....ton. 7.00 - —
Longview, Ala. ....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va..ton. 7.00 - —
Menominee, Mich. ..ton. 7.50 - —
Mitchell, Ind .....ton. 6.50 - —
Newala, Ala. .....ton. 6.25 - —
Petosky, Mich. .....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va. ....ton. 6.25 - —
Riverton, Va. .....ton. 6.25 - —
Scioto, Ohio .....ton. 6.00 - —
Sheboygan, Wis. ....ton. 7.00 - —
Sherwood, Wis. .....ton. 7.50 - —
Springfield, Mo. ....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
Hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkley, W. Va. ....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern..ton.13.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa....ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex. .....ton.12.00 - —
Durbin, Ohio .....ton. 8.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Easton, La. .....ton. 9.00 - —
Farnams, Mass. ....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo. .....ton. 8.50 - —
Keystone, Ala. .....ton. 9.00 - —
Knoxville, Tenn....ton. 9.00 - —
Limedale, Ark. ....ton. 9.00 - —
Longview, Ala. ....ton. 9.00 - —
Louisville, Ky. .....ton.14.50 - —
Marble Cliff, Ohio..ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va..ton. 8.50 - —
Milltown, Ind. .....ton.12.50 - —
Mitchell, Ind. .....ton. 9.00 - —
Newala, Ala. .....ton. 9.00 - —
Pelham, Ala. .....ton. 9.00 - —
Petolsky, Mich. .....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va. ....ton. 8.00 - —
Riverton, Va. .....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. ....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
Lime, spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio .....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Marble Cliff, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind. .....ton. 9.00 - —
Scioto, Ohio .....ton. 9.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex. .....lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, dms., consumer, c.l., works, fr't all'd..gal. .13½- .16½
dealer, fr't all'd.....gal. .13 - .16
l.c.l., consumer, fr't all'd, gal. .15 - .18
dealer, fr't all'd.....gal. .14 - .17
tanks, consumer, dlvd...gal. .11½- —
dealer, dlvd.....gal. .11 - —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, cns.. 25 lbs...lb. 1.70 - 2.45
Linden flowers, with leaves, bls.lb. .16 - .17
without leaves, bls.....lb. .17 - .18
Linseed cake, bgs., export....ton.29.00 - —
Meal, 32%, dom., bgs.....ton.38.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0775- —
other points.....lb. .0750- —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .08¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Colo., Mont., N. Mex., Wyo..lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
Lithium bromide, jars, 25 lbs. lb. 1.70 - 1.75
Carbonate, bbls., 250 lbs....lb. 1.25 - —
kgs., 100 lbs.....lb. 1.30 - —
Chloride, jars, 25 lbs.....lb. 1.65 - 1.70
Citrate, bbls., 250 lbs.....lb. 1.40 - —
fib dms., 25 lbs.....lb. 1.45 - —
kgs., 100 lbs.....lb. 1.40 - —
Iodide, bots., 5 lbs.....lb. 4.85 - —
jars, 25 lbs.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.60
Lithopone, dom., high-strength, bgs., 1,000 lbs., dlvd. E. or ex whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis.lb. .06 - —
bbls., 1,000 lbs., same basis, lb. .06 - —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 1,000 lbs., same basis..lb. .04¼- —
smaller lots, same basis.lb. .04½- —
bbls., 1,000 lbs., same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 1,000 lbs., same basis..lb. .05¾- —
smaller lots, same basis.lb. .06 - —
bbls., 1,000 lbs., same basis, lb. .06 - —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .08½- .10½
solid, bxs.....lb. .13½- .17
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .35 - .37
Lupulin, N E., tins.....lb. 1.75 - 2.00
Lycopodium, cs.....lb. 1.35 - 1.40

M

Mace, Banda, cs.....lb. .59 - .60
Batavia, cs.....lb. .48 - .49
Slauw 1, cs.....lb. .55 - .56
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia, arsenate, cs., dms..lb. .18 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .28 - —
1-lb. pkgs., same basis.lb. .38 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis. lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis. lb. .27 - —
super light, bbls., same basis..lb. .30 - —
calcined, USP, import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .06 - .06½
USP, bbls., c.l.....lb. .08½- .09
Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs.....lb. 1.50 - —
Oxide (see Calcined)
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.95
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt)

Iron Nitrate—Methyl Acetone

Magnesite, cal., import, bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewehah, Wash...ton.24.00 - —
Malva flowers, black, bls.....lb. .40 - .42
Blue, bls.....lb. .45 - .50
Leaves, bls.....lb. .11 - .12
Manaca root, bls.....lb. .20 - .2[illegible]
Mandrake root, bls.....lb. .13 - .14
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls.....lb. .21 - .23
Chloride, bbls.....lb. .09 - —
Dioxide, Caucasian, 85-90%, csks., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs., c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.55.50 - —
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.61 - —
smaller lots.....lb. 2.71 - —
cns., 25 lbs.....lb. 2.83 - —
solut., djns., 1,000 lbs. lots, lb. .61 - —
smaller lots.....lb. .71 - —
cns., 25 lbs.....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .32 - —
Iodide, bots., 5 lbs.....lb. 5.25 - —
jars, 25 lbs.....lb. 5.10 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls....lb. .19 - —
Ore, 50-52%, basis, bbls, c.l. Atl. ports..unit-ton. .40 Nom.
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms.....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07¼
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt., ton.26.00 -27.00
Manna, flake, large, cs.....lb. .36 - .37
small cs.....lb. .21 - .22
Mannitol, pure, cryst., cs., works, lb. 1.48 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .17 - .17½
Tunisan, bls.....lb. .16 - .16½
Matico leaves, bls.....lb. .29 - .30
Menthol, U.S.P., natural, cs..lb. 3.20 - 3.30
synthetic, tech., cs.....lb. 2.25 - —
U.S.P., cs.....lb. 3.25 - —
liquid, dms., 40 lbs.....lb. 1.60 - —
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb. lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs.....lb. .87 - —
25 lbs.....lb. .89 - —
50%, pails, 50 lbs.....lb. 1.26 - —
25 lbs.....lb. 1.28 - —
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, fib., dms., 100 lbs. lb. 1.60 - —
jars, 25 lbs.....lb. 1.62 - —
Chloride (see Calomel)
Iodide, red, N.F., bots., 5 lbs., lb. 3.67 - —
cns., 25 lbs.....lb. 3.55 - —
fib. dms., 100 lbs.....lb. 3.55 - —
Yellow, bls., 5 lbs.....lb. 3.67 - —
cns., 25 lbs.....lb. 3.65 - —
fib. dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment) .....lb. 3.85 - —
Oxide, black, dms., kgs.....lb, Red, N.F. (see Red precipitate) tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl....lb. 1.49 - —
USP, fib. dms., 100 lbs.lb. 1.91 - —
cns., 25 lbs.....lb. 1.25 - —
Mercury and chalk, fib., dms., 25 lbs. 1.05 - 1.07
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.70 - 1.80
Gold, XX deep, 3⅜x3⅜ in.pkg.14.25 -14.75
3⅜x3⅜ in.....pkg.15.50 -16.50
4x4 in.....pkg.18.50 -19.00
3⅜x5⅞ in. .....pkg.21.50 -22.00
3⅞x5⅞ in.....pkg.23.50 -24.00
Silver, 3⅜x3⅜ in.....pkg. 2.25 - 2.35
Metanitroanilin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenediamine, kgs.....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies..gal. .46 - —
tanks, frt. alld., E. of Rockies..gal. .40 - —
pure, nat'l or synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld..gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt. alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J. N. Y., N. C., Ohio, Penn.; R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, nat., dms., c.l., contracts, Zone 1..gal. .42 - —
2, ...gal. .45 - —
3 .....gal. .46 - —
4 .....gal. .48 - —
l.c.l., Zone 1.....gal. .44½- —
2 .....gal. .51 - —
3 .....gal. .48½- —
4 .....gal. .64 - —

Methyl Acetone—Oil, Paraffin

Methyl acetone, nat., tanks, contracts, Zone 1..gal. .36 - —
2 .....gal. .38½- —
3 .....gal. .39½- —
4 .....gal. .40 - —

Methyl acetone, natural, prices are quoted for direct shipment from refinery, f.o.b. shipping point, freight allowed to destination. Barrel packing, 2½c. per gal. more, in all brackets. The sale zones are: Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn; R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies. gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies. gal. .59½- —
3, Pacific Cst.....gal. .58 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, ft. alld. E. of Rockies. gal. .49½- —
3, Pacific Coast.....gal. .51 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast.

Methyl, alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, cns., 25 lbs.....lb. .70 - 1.00
Chloride, cylrs.....lb. .37 - .43
Cinnamate, bots.....lb. 3.35 - 3.75
Formate, dms.....lb. .35 - .36
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate, dms.....lb. .40 .43
tins .....lb. .42 - .45
Violet toner, bbls. (500 lbs.).lb. .40 - —
smaller lots .....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....lb. .12 - —
tanks, same terms.....lb. .10½- —
Methylene, blue, medicl., kgs 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Methylene chloride, dms., f.o.b. works..lb. .12 - —
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l, wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., same basis..ton10.00 - —
l.c.l., same basis.....ton.12.00 - —
230 mesh, containers, extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
230, 100 mesh, bgs., c.l., works..ton40.00 -50.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-ground, paint, oil or lacquer, bgs., c.l., frt. alld., E.lb. .04½ —
l.c.l., frt. alld., E....lb. .05 - —
water, bgs., c.l., frt. alld., E..lb. .04¼- —
l.c.l., frt. all., E.....lb. .04¾- —
paper, wall or coated, bgs., c.l., frt. alld., E..lb. .04¼- —
l.c.l., 2,000 lbs., frt. all., E..lb. .04¾- —
smaller lots, frt. alld., E..lb. .05¼- —
rubber, bgs., c.l., frt. alld., E.lb. .03½- -
l.c.l., 2,000 lbs., ft., alld., E...lb. .04- —
smaller lots, frt. alld., E..lb. .04½- —

wet-ground mica prices are ½c. per pound higher on Pacific coast.

Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbls., c.l..bl. .08½- —
l.c.l. .....lb. .09½- —
spray, bbls., c.l.....lb. .09½- —
l.c.l. .....lb. .10 - —
unskimmed, roller, bbls., c.l..lb. .17 - —
l.c.l. .....lb. .17½- —
spray, bbls., c.l.....lb. .17 - —
l.c.l. .....lb. .17½- —
Millet seed, bgs.....lb. .03¾- .03¾
hulled, bgs.....lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdenum metal, kgs., 99% powd..lb. 2.50 - 2.75
Monoamylamine, dms., c.l., wks. lb. .52 - —
l.c.l., works.....lb. .55 - —
Monochlorobenzene, dms.....lb. .06 - .08½
Monoethanolamine, dms., c.l., works..lb. .31 - —
l.c.l., dms.....lb. .32 - —
tanks .....lb. .30 - —
Monoethylaniliin, dms.....lb. .77 - .79
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs.....oz.11.10 - —
cns., 25 ozs.....oz.10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs.....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns., 25 ozs.....oz. 8.80 - —
Mullein flowers, cns.....lb. .90 - .95
Leaves, bls.....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs.....oz.19.00 -21.00
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk root, bls.....lb. .09 - .10
Mustard seed, Bombay, brown, bgs..lb. .05¾ Nom.
California, brown, bgs.....lb. .07 - .07½
yellow, bgs .....lb. No stocks
Chinese, yellow, bgs.....lb. .06 - .06½
Danish, yellow, bgs.....lb. .08 - .08½
Dutch, yellow, bgs.....lb. .07½- .08
English, yellow, bgs.....lb. .08¾- .09¼
Hungarian, yellow, bgs...lb. .06¾- .07¼
Roumanian, yellow, bgs....lb. .06½- .07
Myrobalans, J1, bgs., shipt...ton.25.50 - —
J, bgs., shipt.....ton.19.00 - —
R2, bgs. shipt.....ton.18.75 - —
Extract, liquid, 25%, bbls....lb. .04¼- .05¼

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. 2.65 - 2.80
import., 74-78% bgs., Atlantic ports..100 lbs. 2.65 - 2.80
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
jobbers, cs., same basis.. lb. .07½- —
pkgs. (16 oz.), same basis. lb. .08 - —
(12 oz.) same basis..pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .20
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13¼
single, bbls.....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .08 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07½- —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 30, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., contract, c.l., 18,000 lbs. dry weight, works..lb. .22 - —
10,000 lbs.....lb. .25 - —
spot, bbls., works.....lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works.....lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Apr.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Apr. shipt..unit-ton. 3.75 Nom.
Chemical, Ill....unit-ton. 3.90 Nom.
East Coast producing points..unit-ton. 4.25 - 4.35
import., bgs., c.i.f. Atlantic ports, shipt..unit-ton. 3.55 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs, cs.....lb. .19 - .19¼
110s, bgs., cs.....lb. .17½- .18
West Indian, bgs.....lb. .15 - .15½
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .06½- .07

O

Oakbark extract, 25% tan., bbls. lb. .03½- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .11 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3.....gal. .08½- —
Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns.....lb. .90 - .95
Amber, crude, cns.....lb. .16 - .17
refd., cns.....lb. .52 - .53
Amyris, cns.....lb. 3.00 - 3.25
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .75 - .80
Apricot kernel, cns.....lb. .30 - .31
dms.....lb. .28 - —
Babassu, tanks, futures.....lb. .10¾- —
Bay, W. I., cns.....lb. 1.50 - 1.70
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 3.50 - 4.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectifd., cns.....lb. .70 - .75
Bois de rose, Brazil, cns...lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .55 - .58
USP IX, cns.....lb. .57 - .60
Calamus, cns.....lb. 3.50 - 3.75
Camphor, sassafrassy, cns...lb. .22 - .23
dms.....lb. .19 - .20
white, cns.....lb. .21 - .22
dms.....lb. .18 - .19
Cananga, native, cns.....lb. 1.75 - 2.25
rectified, cns.....lb. 3.00 - 3.25
Capsicum (oleoresin), USP VIII, cns...lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.10 - 2.25
Cardamom, bots.....lb.20.00 -38.00
Cassia, USP, cns., dms.....lb. 1.00 - 1.05
Oil, castor, blown, one-way dms., c.l..lb. .12¼- —
l.c.l. .....lb. .13 - —
medicinal, bbls., c.l.....lb. .10¾- —
l.c.l. .....lb. .11½- —
cns. (1-gal), l.c.l.....lb. .14½- —
dms. (returnable), c.l....lb. .10½- —
l.c.l. .....lb. .11¼- —
(5-gal.), l.c.l.....lb. .12½- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l....lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09½- —

Castor oil, med. and No. 3, prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat). dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. .80 - .85
dms. .....lb. .75 - .80
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .24 - .26
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns, 500 lbs..lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. lb. .15¼- .15½
tanks .....lb. .1420- .1440
Cinnamon, Ceylon, bots.....lb. 7.75 -22.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .42 - .44
dms.....lb. .40 - .42
Java, dms.....lb. .43 - .45
Clove, makers, USP, cns....lb. 1.27 - —
dms .....lb. 1.25 - —
Coconut, Manila, crude, April, May, June, tanks..lb. .08¼ Nom.
Pac. Cst.....lb. .07⅞ Nom.
edible, 76°, tax incl., dms., (returnable), c.l..lb. .13¾- —
l.c.l. .....lb. .14½- —
tanks .....lb. .13½- —
Cod, Newfoundland, tanked, bbls..gal. .52 Nom.
Norwegian, bbls.....gal. .42 Nom.
Codliver, med., USP, Norwegian, bbls..bbl.25.00 -27.00
for feed purposes, not USP, dms..gal. .50 - .65
Coriander, bots.....lb.19.00 -20.00
Corn, crude, tanks, works..lb. .10⅝- .10½
refd., bbls.....lb. .12⅜- .13
Cottonseed, dom., cooking, bbls. lb. .12¼- —
salad, bbls.....lb. .12⅜- —
import., Brazilian semi-refd., dms..lb. .07⅛Nom.
British, semi-refd., dms..lb. .07⅜Nom.
Cresote (see C).
Croton, USP, cns.....lb. 1.30 - 1.35
Cubeb, USP, cns.....lb. 2.85 - 3.10
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, cns.....lb.12.00 -12.25
Degras (see D)
Diesel, Bayonne, bulk.....bbl. 1.85 - —
California, 27 plus, bulk..bbl. 1.00 - 1.25
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots.....lb. 5.00 - 5.50
Dip (See D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cns.....lb. .44 - .46
dms.....lb. .42 - .44
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tidewater..bbl. .85 - .95
Gulf Coast.....bbl. 1.00 - 1.05
Louisiana - Arkansas, 10-14, bbl. .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.20 - —
Tuesday .....bbl. 1.20 - —
Wednesday .....bbl. 1.20 - —
Thursday .....bbl. 1.20 - —
Friday .....bbl. 1.20 - —
Saturday .....bbl. 1.20 - —
North Texas, 18-22.....bbl. .80 - .85
24-28, zero cold test..bbl. .95 - 1.05
Oklahoma, 18-22.....bbl. .85 - .90
24-28, zero cold test...bbl. 1.10 - 1.15
24-28, 15 and above...bbl. .90 - .95
Pennsylvania, 36-40.....gal. .04⅜- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .04¾- .05
2, bulk, same basis.....gal. .04½- —
3, bulk, same basis.....gal. .04½- —
4, bulk, same basis.....gal. .04¼- —
Louisiana - Arkansas, 32-36, light straw.....gal. .03⅞- .04
Oklahoma, 28-30.....gal. .03⅜- .03½
32-36 .....gal. .03½- .03¾
36-38 .....gal. .03¾- .03⅞
38-40, straw.....gal. .03⅞- .04
38-40 zero, 60 e.p.....gal. .03⅞- .04
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04¾- —
Gulf Coast, bulk.....gal. .03½- .03⅝
North Texas, bulk.....gal. .02¾- .03
Oklahoma, bulk.....gal. .02⅞- .03⅛
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.75 - 5.25
Bourbon, cns.....lb. 4.00 - 4.50
Turkish (see Palmarosa).
Grapefruit, cns.....lb. 1.90 - 2.00
Ginger, dist., bots.....lb. 6.50 - 7.25
Gualac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.05 - 1.10
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms—lb. .35 - .36
cns. .....lb. .38 - .39
Lard, common, 1, bbls.....lb. .13¼- —
2, bbls.....lb. .13 - —
extra, bbls.....lb. .13½- —
1, bbls.....lb. .13½- —
headlight, burning, bbls....lb. .14⅜- —
prime, ed., bbls.....lb. .16¼- —
ined, bbls.....lb. .14⅜- —
winter, strained, extra bbls., lb. .13⅜- —
prime, bbls.....lb. .14 - —
Lavandin, cns., 25 lbs.....lb. 2.70 - —
Lavender flower, French, USP, 50% ester, cns..lb. 6.00 - 7.50
U.S.P., 38-42% ester, cns.lb. 5.25 - 6.00
XI, 35% ester, cns....lb. 4.00 - 4.50
XI, 30% ester, cns....lb. 2.80 - 3.00
IX, 30% ester, cns....lb. 2.65 - 2.75
VIII, 30% ester, cns...lb. 2.25 - 2.35
Garden, cns .....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 3.25 - —
Messina, coppers, cns.....lb. 3.50 - 4.00
Lemongrass, native, cns., dms. lb. .50 - .52
Oil, lime, dist., cns.....lb. 5.85 - 6.25
expressed, cans.....lb. 9.35 -10.25
Linaloe wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1170- —
l.c.l., 5 or more.....lb. .1210- —
less than 5.....lb. .1250- .1270
tanks .....lb. .1110- —
double boiled, bbls., less than 5..lbs. .1270- .1290
raw, bbls., c.l.....lb. .1130- —
l.c.l., 5 or more.....lb. .1170- —
lese than 5.....lb. .1210- —
tanks .....lb. .1070- —
Lovage, bots.....lb.41.25 -72.00
Lubricating, at refinery (including U.S. tax 4c.per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks..gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis.,tanks.gal. .21½- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .22 - —
15-25 pour, tanks..gal. .21½- —
150-160 D, 0-10 pour tanks..gal. .24 - —
15-25 pour, tanks..gal. .23½- —
150-160 E, 15-25 pour, tanks..gal. .23 - —
190-200 D, 15-25 pour, tanks..gal. .27 - —
200-210 E, 15-25 pour, tanks..gal. .26 - —
neutrals, 0-10 pour, 150 vis., 3 color. tanks..gal. .13 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½ color, tanks..gal. .17 - —
350 vis., same basis, gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis, gal. .18½- —
600 vis., same basis, gal. .19 - —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour.

Penna., bright, 600 cold test, 10-40 pour, tanks.. gal. .29 - —
10-15 pour, tanks..gal. .30 - —
cylinder, 600 fire, tanks, gal. .21½- —
600 flash, tanks.....gal. .24 - —
630 flash, tanks.....gal. .28 - —
635 fire, tanks.....gal. .22 - —
650 fire, tanks.....gal. .23 - —
Warren, E, amber, tanks, gal. .23½- —
neutral, 150 vis...3 color, tanks..gal. .25½- —
180 vis.,3 color,tanks.gal. .28 - —
200 vis.,2 color,tanks.gal. .29½- —
spot, Penna., bright, bbls., c.l., f.a.s..gal. .34 - —
unfiltered, 600 s.r., bbls., f.a.s.gal. .28 - —
600 flash, s.r., bbls., c.l., gal. .32½- —
650 s.r., bbls., c.l., f.a.s., gal. .29 - —
Warren, E. bbls., c.l.,f.a.s. gal. .31 - —
smaller lots, f.o.b..gal. .33½- —
Mace, dist., cns., dms.....lb. 1.40 - 1.42
Menhaden, crude, tanks, f.o.b., Balto..gal. .45 Nom.
refd., alkali, dms., c.l.....lb. .0960- —
l.c.l. .....lb. .0960- —
tanks .....lb. .0900- —
blown, dms.....lb. .0940- —
kettle-bodied, dms.....lb. .1060- —
light pressed, dms., c.l.....lb. .0900- —
l.c.l. .....lb. .0900- —
tanks .....lb. .0840- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., bots..lb. 1.85 - 1.90
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .90 - .95
Neatsfoot, cold test, bbls....lb. .18¼- —
extra, bbls.....lb. .13¾- —
1, bbls.....lb. .13½- —
pure, bbls.....lb. .14¼- —
special, bbls.....lb. .13¾- —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots .....lb.50.00 -130.00
Nutmeg, USP, cns., dms...lb. 1.40 - 1.42
Oiticica, dms. .....lb. .12 - .12½
futures .....lb. .12¼- —
Oleo, 1, bbls. .....lb. .12¾- —
2, bbls. .....lb. .12¼- —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.60 Nom.
edible, bbls.....gal. 2.50 Nom.
foots, bbls .....lb. .11⅛ Nom.
sulphonated, 50% (43% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l...lb. .15½- —
l.c.l. .....lb. .16 - —
80% (68% fat), dms., c.l..lb. .16½- —
l.c.l. .....lb. .17 - —
Orange, sweet, dist., cases..lb. .90 - —
expressed, African, cns., dms..lb. 1.90 - 2.00
Calif., cns.....lb. 2.50 - —
Florida, cns.....lb. 2.50 - 2.65
Messina, USP, coppers.lb. 2.85 - 3.75
Spanish, cns.....lb. 2.85 Nom.
West India, cns.....lb. 2.15 - 2.20
Origanum, Spanish, cns.....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .07 - —
shipment .....lb. .05¾- —
softs, 12½%, bulk, shipt....lb. .0580- —
20% bulk, shipt.....lb. .0370- —
Sumatra, shipment, bulk...lb. .05¾ Nom.
Palmarosa, cns.....lb. 3.10 - 3.20
Palmkernel, bulk, shipt.....lb. .07 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05¼- —
330° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —

Oil, patchouli, bots.....lb. 5.25 - 8.50
Peanut, crude, dom., tanks, works..lb. .10½ Nom.
refd., edible, bbls.....lb. .13½ Nom.
Pennyroyal, dom., cns.....lb. 1.55 - 1.60
import, cans.....lb. 1.60 - 1.65
Peppermint, natural, cns., dms. lb. 2.30 - 2.55
redist., USP, cns., dms....lb. 2.60 - 2.85
Perilla, dms.....lb. .12 Nom.
tanks, futures .....lb. .11½- .11¾
Petitgrain, Paraguay, cns...lb. 1.05 - 1.10
Pimento berry, cns.....l..b. 3.75 - 4.00
Leaf, cns.....lb. 2.40 - 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports..gal. .49 - .50
steam-dist., dms.....gal. .69 - —
tanks .....gal. .64 - —
Pineneedle, Siberian, cns....lb. .85 - .90
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25½- —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .13½- .13¾
denat., bbls.....gal. .90 - .92
Red, dist. or saponif., bbls., dlvd..lb. .11⅝- .12⅝
dms., dlvd.....lb. .11½- .12½
tanks, dlvd.....lb. .10¾- —
white, dms.....lb. .13½- .14½
Rose, artif., bots.....oz. 2.00 1 3.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .60 - .65
dms.....lb. .55 - .60
Rosin, 1st, rectfd., dms....gal. .60 - .62
2d rectfd., dms.....gal. .62 - .64
3d rectfd., dms.....gal. .66 - .68
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.65 - 1.70
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns.....lb. 5.25 - 5.50
Sardine, crude, tanks, Pac. Cst. gal. .53 Nom.
rfd., alkali, dms., c.l.....lb. .0960- —
l.c.l. .....lb. .0960- —
tanks .....lb. .0900- —
kettle-bodied, dms.....lb. .0900- —
light, pressed, dms., c.l.lb. .0900- —
l.c.l. .....lb. .0900- —
tanks .....lb. .0840- —
Sassafras, artif., cns.....lb. .41 - .42
dms. .....lb. .39 - .40
natural, cns., dms.....lb. .75 - 1.25
Savin, cns .....lb. 1.50 - 1.60
Savory, cns .....lb. 3.15 - 3.20
Sesame, dom., refd., white, dms. lb. .13 Nom.
Single stain, bbls., c.l., works. gal. .17½- —
l.c.l., works .....gal. .20 - —
tanks, works.....gal. .14½- —
Snakeroot, Canada, cns.....lb.10.00 -11.00
Soybean, dom., crude, dms..lb. .1140- .1180
tanks .....lb. .1080- —
refd., dms.....lb. .1240- .1280
tanks .....lb. .1180- —
Spearmint, USP, cns.....lb. 1.75 - 2.00
Sperm, bleach, 38°, dms....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cans.....lb. 1.05 - 1.10
Sunflower seed, refd., dms...lb. .12¼ Nom.
Sweet birch, North, cns.....lb. 3.60 - 3.75
South, cns .....lb. 1.65 - 2.00
Tallow, acidless, bbls.....lb. .13½- —
tanks .....lb. .13 - —
Tansy, cns.....lb. 3.50 - 3.75
Tar, commil., dms., c.l., dlvd. E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., dlvd. E. ports..gal. .50 - —
Tar acid (see T)
Teaseed, shipt., dms.....lb. .10½- —
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms.....lb. .80 - 1.35
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T)
Turtle, cns.....gal. 4.25 - 5.00
Valerian, bots.....lb.13.50 -14.00
Vetiver, bots.....lb. 9.00 -16.50
Walnut, crude, dms.....lb. .13 Nom.
refd., dms. .....lb. .14 Nom.
Whale, refd., natural, dms..lb. .1010- .1030
winter, bleach, dms.....lb. .1050- .1070
Wheat germ, cns., dms....gal.27.50 -30.00
White mineral, dom., tech.,
50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms.gal. .54 - .56
95-103 vis., dms.....gal. .63 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80½
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- .87½
335-345 vis., dms.....gal. .87 - .89
Russian, 75-85 vis., dms..gal. .52 - —
145-155 vis., dms.....gal. .74½- —
185-190 vis., dms.....gal. .76½- —
275-285 vis., dms.....gal. .80 - —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.65 - 2.75
Wormwood, cns.....lb. 3.00 - 3.25
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots. .....lb.18.00 -24.00
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .11¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .12¼- —
Colo., Mont., N.M., Wyo. lb. .12 - —
Other points .....lb. .11½- —
smaller lots, dlvd. Ala., etc..lb. .12¼- —
Ariz., etc. .....lb. .12¾- —
Colo., Mont., N. M., Wyo..lb. .12½- —
Other points .....lb. .12 - —
French, Tours, csks., ex dock..lb. .17 - —
kgs., ex dock.....lb. .18½- —
Peel, bitter, bls.....lb.. .08 - .09
Sweet, bls. .....lb. .11 - .12
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .35 - .40
Orris root, Florentine, bgs....lb. .08 - .09
fingers, cs.....lb. .90 - .95
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .08 - .09
powd., bxs, cs.....lb. .11 - .12
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroaniiin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .35 - .75
Orthocresol, dms., c.l., works..lb. .13½- —
l.c.l., same basis.....lb. .14½- —
Orthodichlorobenzene, dms, c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., dms., same basis...lb. .07 - —
100 lb. tins, same basis.lb. .08 - —
50 lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Othonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .28 - .29
Orthonitroparachlorophenol,cns.lb. .70 - .75
Orthonitrophenol, kgs.....lb. .85 - .90
Orthonitrotoluene, dms.....lb. .07 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14 - —
Osage orange extract, cryst.,bbls. lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.10 - 1.15
Paprika, Hungarian, extra fancy, bgs..lb. .21½- .22
medium, bgs.....lb. .20½- .21
Spanish, extra fancy, cs.....lb. .27 - .28
fair, bgs.....lb. .21½- .22
fancy, bgs.....lb. .23 - .23½
medium, bgs.....lb. .22 - .22½
Para-aminoacetanilide, kgs....lb. .85 Nom.
Para-aminophenol, bgs., bbls..lb. 1.05 - —
Hydrochloride, bbls.....lb. 1.25 - —
Para-amylphenol, tertiary, dms., c.l.,works..lb. .26 - —
Parachlorophenol, dms.....lb. .30 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .16 - .20
kgs .....lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02¾- .02½
bbls., c.l., N.Y.....lb. .0270- —
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .02⅝- .02¾
bbls., c.l., N. Y.....lb. .0275- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼- Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s., N. Y..lb. .0440- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .04½- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s., N. Y..lb. .04¾- —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0490- —
133-135 A.m.p., bgs., c.l..lb. .0555- —
export, f.a.s., N. Y..lb. .05½- —
135-137 A.m.p., bgs., c.l..lb. .0580- —
export, f.a.s., N. Y..lb. .05¾- —
138-140 A.m.p., bgs., c.l..lb. .0635- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03¼- —
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¾- Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lb. shipments, same basis..lb. .35 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroanilin, kgs., c.l., works, lb. .45 - —
l.c.l., works.....lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .16 - .17
Paris green, dealer, dms., c.l., f.o.b. N. Y., frt. all'd E. of Cleve..lb. .22 - .24
1,000 lbs. and up, same basis, lb. .23 - .25
less than 1,000 lbs., same basis..lb. .24 - .26
Passion flower herb, bls.....lb. .06½- .07
Patchouli leaves, bls.....lb. .15 - .16
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .13 - .14
Pentane, norm., 28-38°, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3.....gal. .09½- —
laboratory grade, dms., c.l., G.3..gal. .16 - —
l.c.l., G.3.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .10 - .10¼
Lampong, bgs.....lb. .06⅜- .06⅞
Tellicherry, bgs.....lb. .10¾- .11
Red, birdseye, bgs.....lb. .15 - .15¼
new crop.....lb. No stocks.
Japanese 1, bgs.....lb. .13¼- .13½
Mombassa, bgs.....lb. .18 - .18¼
White, Java, Muntok, bgs...lb. .10¾- .11
Singapore, Muntok, bgs....lb. .10½- .11
Peppermint leaves, dom., bls..lb. .25 - .26
import, bls.....lb. .35 - .40
Peru balsam, dms.....lb. 1.05 - 1.10
Petrolatum, amber, bbls., c.l., lb. .02⅞- .03
l.c.l. .....lb. .04 - .04¼
extra, bbls.....lb. .03¼- .03¼
l.c.l. .....lb. .04¼- .04½
cream (see white, cream)
green (see red)
red, veterinary, bbls., c.l....lb. .02⅝- .02⅞
l.c.l. .....lb. .03¾- —
white, cream, bbls., c.l.....lb. .05 - .05¼
l.c.l. .....lb. .06⅜- —
lily, bbls., c.l.....lb. .06 - .06¼
l.c.l. .....lb. .07⅝- —
snow, bbls., c.l.....lb. .07 - .07¼
l.c.l. .....lb. .08⅝- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens .....bbl. .84 - 1.66
Belridge .....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez .....bbl. .79 - 1.00
East Coyote.....bbl. .76 - .96
Elk Hills.....bbl. .70 - 1.68
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
Huntington Beach.....bbl. .78 - 1.22
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Petroleum, crude, bulk, at wells—
California (Continued)—
Kern River.....bbls. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview .....bbl. .70 - 1.38
Lost Hills.....bbl. .70 - 1.32
McKittrick .....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello .....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall .....bbl. .70 - —
Olinda Brea.....bbl. .76 - 1.27
Orcutt .....bbl. .70 - .93
Playa del Rey, f.o.b. pipeline .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.00
Rosecrans .....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .88
Whittier .....bbl. .76 - .96
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia .....bbl. 2.10 - —
Central West:—
Illinois .....bbl. 1.35 - —
Lima .....bbl. 1.25 - —
Midland (Mich.).....bbl. 1.42 - —
Princeton .....bbl. 1.35 - —
East Texas.....bbl. 1.27 - —
Gulf Coast:—
Barber's Hill.....bbl. .93 - 1.41
Batson .....bbl. .95 - 1.41
Dayton .....bbl. .93 - 1.41
Esperson .....bbl. .93 - 1.41
Goose Creek.....bbl. .93 - 1.41
Hull .....bbl. .93 - 1.41
Humble .....bbl. .90 - 1.41
Liberty .....bbl. .90 - 1.41
Markham .....bbl. .90 - 1.29
Orange .....bbl. .93 - 1.41
Pettus .....bbl. 1.37 - —
Pierce Junction.....bbl. .93 - 1.41
Refugio .....bbl. .93 - 1.41
Saratoga .....bbl. .93 - 1.41
Saxet .....bbl. .90 - 1.41
Sour Lake .....bbl. .90 - 1.41
Spindle Top.....bbl. .93 - 1.41
Sugarland .....bbl. .93 - 1.41
West Columbia.....bbl. .93 - 1.41
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.42 - —
Kentucky river.....bbl. 1.50 - —
Western Kentucky (Owensboro)..bbl. 1.40 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .90 - 1.32
Caddo .....bbl. .90 - 1.32
Cameron Meadows....bbl. .90 - 1.30
Choctaw .....bbl. .90 - 1.30
Cotton Valley.....bbl. .90 - 1.22
Darrow .....bbl. .90 - 1.30
De Soto.....bbl. .90 - 1.22
El Dorado.....bbl. .90 - 1.22
Haynesville .....bbl. .90 - 1.22
Homer .....bbl. .90 - 1.22
Iowa .....bbl. .90 - 1.30
Lockport .....bbl. .90 - 1.30
Miller County.....bbl. .90 - 1.32
Pine Island.....bbl. .90 - 1.32
Rainbow .....bbl. .90 - 1.22
Rodessa .....bbl. .90 - 1.22
Smackover .....bbl. .90 - —
Tepetate .....bbl. 1.24 - —
Urania .....bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco .....bbl. 1.05 - —
Tax, 13.729c. per bbl.
Tuxpan .....bbl. No Prices.
Tax, 22.412c. per bbl.
Midcontinent:—
North Texas.....bbl. .96 - 1.20
Oklahoma-Kansas ....bbl. .98 - 1.30
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany ....bbl. 2.67 - —
Corning .....bbl. 1.42 - —
Pennsylvania grade, in Buckeye lines..bbl. 2.22 - —
Eureka lines.....bbl. 2.37 - —
S.W. Penn lines....bbl. 2.42 - —
lower district in National Transit lines.bbl. 2.62 - 2.67
Rocky Mountain:—
Big Muddy .....bbl. 1.18 - 1.28
Cannon City-Florence.bbl. 1.10 - —
Cat Creek .....bbl. 1.40 - —
Dutton Creek .....bbl. 1.06 - 1.30
Elk Basin .....bbl. 1.30 - —
Fort Collins-Wellington... bbl. 1.01 - 1.25
Frannie, light .....bbl. .82 - —
Grass Creek .....bbl. 1.30 - —
Greybull .....bbl. 1.30 - —
Iles .....bbl. 1.12 - 1.18
Lance Creek .....bbl. .97 - —
Midway .....bbl. 1.06 - 1.30
Rock Creek .....bbl. 1.20½- —
Salt Creek .....bbl. 1.06 - 1.30
Sunburst .....bbl. 1.20 - —
Torchlight .....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County .....bbl. .98 - 1.25
Cleveland-Liberty ....bbl. 1.27 - —
Conroe .....bbl. 1.20 - 1.44
Darst Creek .....bbl. 1.09 - —
Duval .....bbl. 1.09 - —
Hardin-Liberty .....bbl. 1.15 - —
Luling .....bbl. 1.09 - —
Lytton Springs.....bbl. 1.12 - —
Mirando .....bbl. .90 - 1.36
Panola County .....bbl. .93 - 1.25
Salt Flat .....bbl. 1.09 - —
Tomball .....bbl. 1.20 - 1.44
Van .....bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .91 - 1.03
Gray County .....bbl. .96 - 1.08
West Texas:—
Artesia, N. M. .....bbl. .90 - —
Crane .....bbl. .78 - 1.08
Crockett .....bbl. .78 - 1.08
Ector .....bbl. .78 - 1.08
Glasscock .....bbl. .78 - 1.08
Hogback .....bbl. 1.33 - —
Howard .....bbl. .78 - 1.08
Jackson, N. M. .....bbl. .90 - —
Lea, N. M. .....bbl. .78 - 1.08
Maljamar, N. M. ....bbl. .90 - —
Mitchell .....bbl. .78 - 1.08
Pecos .....bbl. .91 - —
Upton .....bbl. .78 - 1.08
Winkler .....bbl. .78 - 1.08
Ether, 30-60°, dms, c.l., G.3.gal. .15 - —
l.c.l., G.3.....gal. .17 - —
tanks, G.3 .....gal. .13 - —
55-60°, dms., l.c.l., G.3...gal. .35 - —
40-75°, dms., c.l., G.3....gal. .15 - —
l.c.l., G.3.....gal. .16 - —
tanks, G3.....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .16 - —
c.l., G.3 .....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —

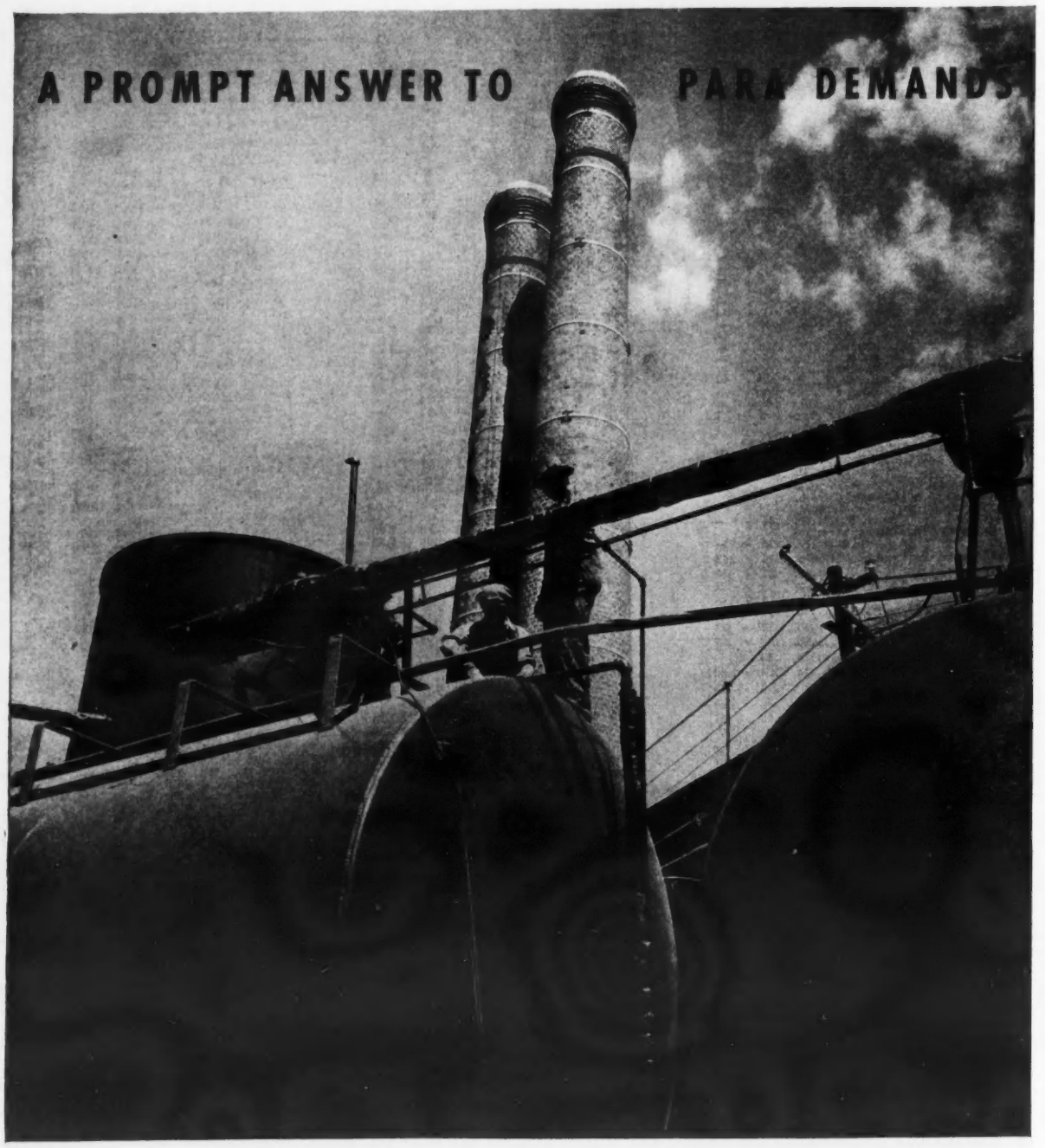
Petroleum, lacquer, diluent, at refinery:—
California 60,160 l.b.p., 263 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond..gal. .11½- —
Willbridge, Ore.; Pt. Wells, Wash..gal. .12 - —
East Coast, tanks....gal. .12 - .12⅛
Group 3, tanks.....gal. .08⅜- .08⅞
Naphtha, cleaners, at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .07⅜- .07⅞
tankwagon, Boston, ex-tax, gal. .13 - —
Chicago, inc. 4c. tax...gal. .166 - —
Decatur, inc. 4c. tax...gal. .185 - —
Des Moines, inc. 4c.tax.gal. .183 - —
Evansville, Ind., ex tax.gal. .139 - —
Milwaukee, inc. 5c.tax.gal. .198 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .17 - —
Newark, ex tax.....gal. .11 - —
New Orleans, ex tax...gal. .11 - —
New York, ex tax.....gal. .11 - —
Oklahoma City, ex tax..gal. .12 - .13
Omaha .....gal. .139 - .149
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 3c. tax.gal. .146 - —
Tulsa, ex tax.....gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 l.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond .....gal. .13½- —
Seattle, Wash....gal. .15½- —
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.: Willbridge, Ore. gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 l.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- —
Group 3, tanks.....gal. .0⅛- .06⅞
Pennsylvania, tanks.....gal. .07¼- —
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .13⅛
25-99 gals.....gal. .13½- .16½
Boston .....gal. .12½- .13½
Bridgeport, Conn.....gal. .13 - —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .115 - .135
Chicago .....gal. .178 - —
Decatur, Ill.....gal. .185 - —
Des Moines.....gal. .185 - —
Evansville, Ind.....gal. .139 - .149
Milwaukee .....gal. .198 - —
Minneapolis-St. Paul...gal. .189 - —
Newark .....gal. .11 - .13
New York (200 gals.).gal. .11 - —
smaller lots.....gal. .11½- —
Omaha .....gal. .109 - .149
Philadelphia .....gal. .115 - .135
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. .12 - .16
St. Louis.....gal. .152 - —
Syracuse .....gal. .13 - .15
Trenton .....gal. .12 - .14
Wilmington, Del.....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.85 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.50 - —
cns., 25 lbs.....lb. 4.75 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .13¼- .14¼
l.c.l., same basis.....lb. .14 - .15
tanks, works.....lb. .12¾- —
tins, c.l., same basis.....lb. .14¼- .15¼
l.c.l., same basis.....lb. .15 - .16

Phenolphthalein—Queen, Mead.

Phenolphthalein, USP, bbls.,dms. 2,000-lb. lots..lb.	.85	-	—
bbls., dms., kegs, 100-250 lbs. lb.	.87	-	.89
yellow, fib., dms., 2,000-lb. lots. lb.	.80	-	—
100-lb. fib. dms.....lb.	.82	-	—
25-lb. dms.....lb.	.87	-	—
50-lb. kgs.....lb.	.84	-	—
Phenyl chloride, dms.....lb.	.17	-	—
Phenylacetadehyde, bots.....lb.	2.25	-	3.50
Phenylhydrazin hydrochloride,CP, bots., works..lb.	3.30	-	5.10
commercial, kgs., works...lb.	3.30	-	6.50
pure, bots., works.....lb.	2.95	-	3.25
Phloroglucinol, CP, tins,works.lb.	20.00	-	22.00
tech., tins, works.....lb.	15.00	-	16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton.	4.35	-	—
land pebble, 68% min., bulk, mines..long ton.	1.85	-	—
70% min., bulk, mines... long ton.	2.35	-	—
72% min., bulk, mines..... long ton.	2.85	-	—
75% basis, 74% min., bulk, mines..long ton.	3.85	-	—
Tenn., 72%, bulk, mines..... long ton.	4.50	-	—
75%, bulk, mines...long ton.	5.50	-	—
Phosphorus, red, cs.....lb.	.40	-	.44
Yellow, cs.....lb.	.24	-	.30
Oxychloride, cyls.....lb.	.15	-	.18
Sesquisulphide, cs.....lb.	.38	-	.42
Trichloride, cyls.....lb.	.15	-	.18
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb.	.14½	-	—
l.c.l., same basis.....lb.	.15½	-	—
Picbi leaves, bgs.....lb.	.08	-	.10
Pilocarpine hydrochloride, bots., vis..oz.	2.50	-	2.75
Nitrate, bots., vis.....oz.	2.40	-	2.65
Pimento, bgs.....lb.	.13¾	-	.14¼
Pinkroot, bls.....lb.	.40	-	.45
Pitch, Burgundy (see B)			
Coaltar, 160° m.p., bbls., c.l., works..ton.	19.00	-	—
l.c.l. .....ton.	22.00	-	—
Hardwood, 1-time, dm., c.l., dlvd, Akron..ton.	21.50	-	22.50
f.o.b. works.....ton.	16.00	-	—
Linseed, dms.....lb.	.04¾	-	.05¼
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, bbls.....bbl.	6.00	-	6.50
Plaster of paris (see Gypsum).			
Pleurisy root, bls.....lb.	.12	-	.13
Podophyllin, fib., dms., 100 lbs., lb.	3.25	-	—
cns., 25 lbs.....lb.	3.50	-	—
Poke root, bls.....lb.	.06½	-	.07
Pomegranate bark, bgs.....lb.	.18	-	.19
Root bark, bgs.....lb.	.40	-	.41
Poppy flowers, red, bls.....lb.	.35	-	.40
Seed, Dutch, bgs.....lb.	.07¼	-	.07¾
Polish, bgs.....lb.	.06¾	-	.07¼
Potash acetate, USP, fib., dms., 350 lbs..lb.	.28	-	—
Arsenite, USP, solut., cbys., 100 lbs..lb.	.11	-	—
demj., 50 lbs.....lb.	.12	-	—
Bicarbonate, USP, cryst., bbls., 300 lbs..lb.	.18	-	—
kgs., 100 lbs.....lb.	.20	-	—
gran., bbls., 250 lbs.....lb.	.18	-	—
kgs., 100 lbs.....lb.	.20	-	—
Bichromate, spot, c.l., works.lb.	.08⅝	-	—
6 casks or 10 bbls., or over, works..lb.	.08¾	-	—
5 casks or 9 bbls. or less, works..lb.	.09	-	—
Potash, binoxalate, dms.....lb.	.23	-	—
Bisulphate, kgs.....lb.	.15½	-	.18
Bromide, U.S.P., gran., bbls., 500 lbs..lb.	.31	-	—
fib., dms., 100 lbs.....lb.	.32	-	—
Carbonate, calc., dms., c.l., works..lb.	.06½	-	—
l.c.l., same basis.....lb.	.06¾	-	—
hydrated, 83-85%, bbls., c.l., works..lb.	.05½	-	—
l.c.l., same basis.....lb.	.05¾	-	—
liquid, dms., c.l., dlvd....lb.	.02⅞	-	—
l.c.l., 10 dms. or over..lb.	.03¼	-	—
less than 10 dms....lb.	.03½	-	—
tanks, dlvd.....lb.	.02¾	-	—
USP, gran., bbls., 325 lbs..lb.	.14	-	—
kgs., 100 lbs.....lb.	.16	-	—
powd., bbls., 325 lbs.....lb.	.19	-	—
kgs., 100 lbs.....lb.	.21	-	—
Caustic, flake, 88-92%, dom., dms., c.l., works..lb.	.07	-	—
l.c.l. .....lb.	.07¼	-	.07½
import., dms.....lb.	.07	-	.07½
liquid, 45% basis, dms....lb.	.03⅛	-	.03½
tanks .....lb.	.02⅞	-	—
solid, 88-92%, dom., dms., c.l., works..lb.	.06¼	-	—
l.c.l. .....lb.	.06½	-	.06¾
import, csks.....lb.	.06¼	-	.06¾
Chlorate, cryst., kgs.....lb.	.09¼	-	.09½
gran., kgs.....lb.	.12	-	.13
powd., kgs.....lb.	.08½	-	.08¾
Chloride, tech., 98%, cryst., bgs., kgs..lb.	.04	-	.06
Chromate, kgs.....lb.	.28	-	.29
Citrate, USP, gran., bbls., 250 lbs..lb.	.35	-	—
kgs., 100 lbs.....lb.	.36	-	—
cns., 50 lbs.....lb.	.37	-	—
cns., 25 lbs.....lb.	.39	-	.40
Cyanide, cns., dms.....lb.	.55	-	.60
Potash, glycerophosphate, 75%, sol., dms., 1,000-lb. lots, lb.	1.15	-	—
smaller lots.....lb.	1.30	-	—
cns., 25 lbs.....lb.	1.40	-	—
Guaiacolsulphonate, fib., dms., 100 lbs..lb.	1.65	-	—
cns., 25 lbs.....lb.	1.75	-	—
Hydroxide, USP, sticks, cns., 110 lbs..lb.	.30	-	—
Hypophosphite, cns., 100 lbs., lb.	.72	-	—
25 to 50 lbs.....lb.	.75	-	—
Iodate, bbls., bots., 5 lbs....lb.	3.17	-	—
cns., 25 lbs.....lb.	3.05	-	—
Iodide, bbls., 250 lbs.....lb.	.93	-	—
bots., or cns.....lb.	1.02	-	1.28
dms. .....lb.	.95	-	.96
Kainit, high-grade, 20% K_2O, bulk, c.i.f. ports..ton.	12.00	-	—
Manure salt, dom., 20%, K_2O, bulk, c.i.f. ports..ton.	12.00	-	—
run of mine, approx. 30%, K_2O, bulk, c.i.f. ports, unit-ton.	.55	-	—
import., 30%, K_2O,bulk,shipt. unit-ton.	.55	-	—
Metabisulphite, kgs.....lb.	.11	-	.12
Muriate, dom., all strengths, min. 50% K_2O, bulk..... unit-ton.	.50	-	—
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports..unit-ton.	.50	-	—
Potash muriate prices in bags are $2 ton higher than bulk price.			
Oxalate, pure, cryst., kgs....lb.	.30	-	.31
tech., bbls.....lb.	.25	-	.26
Perchlorate, kgs., works.....lb.	.09	-	.11
Permanganate, tech., dms...lb.	.18½	-	.19
Prussiate, red, bbls.....lb.	.35	-	.37
Yellow, bbls.....lb.	.15	-	.16
Silicate alkaline, lump, bags.lb.	.07	-	—
Sulphate, NF, cryst., bbls., 400 lbs..lb.	.13	-	—
kgs., 100 lbs.....lb.	.15	-	—
powd., bbls., 350 lbs.....lb.	.14	-	—
kgs., 100 lbs.....lb.	.16	-	—
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.	36.25	-	—
Vegetable, bulk, f.o.b.Balto.ton.	19.97	Nom.	
Xanthate, dms., c.l.....lb.	.13	-	—
l.c.l. .....lb.	.13½	-	—
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.	24.75	-	—
Potash-titanium oxalate, kgs..lb.	.33	-	.35
Prickly ash bark, bls.....lb.	.11½	-	.15
Berries, bls.....lb.	.15	-	.16
Prince's pine herb, bls.....lb.	.18	-	.20
Propane, tanks, G.3.....gal.	.03	-	.04¾
Psyllium seed (see Fleaseed).			
Pulsatilla, bls.....lb.	.18	-	.19
Pumice stone, Italian,Amer,-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb.	.03	-	—
less than 3, works..lb.	.03½	-	—
F and 1, bbls., 3 or over, works..lb.	.03½	-	—
less than 3, works...lb.	.04	-	—
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb.	.04	-	—
less than 3, works...lb.	.04½	-	—
Ital.-grd., bgs., c.l., shipt. ex dock N.Y..ton.	32.85	Nom.	
l.c.l., 5-29 tons, ex whse. ton.	37.70	-	—
1,000-10,000 lbs., ex whse..ton.	38.70	-	—
2 bgs. to 1,000 lbs., ex whse..ton.	40.70	-	—
single bgs..ex whse.ton.	45.70	-	—
Pumpkin seed, bgs.....lb.	.11	-	.14
Purple lake (see Red).			
Putty, com'l., dms., 1,000 lbs. 100 lbs.	2.90	-	—
500-999 lbs.....100 lbs.	3.10	-	—
100-499 lbs.....100 lbs.	3.25	-	—
linseed oil, raw, dms., 1,000 lbs. 100 lbs.	4.65	-	—
500-999 lbs.....100 lbs.	4.85	-	—
100-499 lbs.....100 lbs.	5.00	-	—
refined, dms., 1,000 lbs.100 lbs.	5.15	-	—
500-999 lbs.....100 lbs.	5.35	-	—
100-499 lbs.....100 lbs.	5.50	-	—
standard, dms., 1,000 lbs. 100 lbs.	3.65	-	—
500-999 lbs.....100 lbs.	3.85	-	—
100-499 lbs.....100 lbs.	4.00	-	—
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand..gal.	4.15	-	—
basis, 3.6% pyethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal.	6.10	-	—
Pyrethrum flowers, coarse, grnd. (g.f.p.), Japan, bgs., frt. alld., 15 tons or over, lb.	.12¾	-	—
fine powd., Dalmat., bbls..lb.	.14	-	.16
Japan, bbls., ton lots, frt. alld..lb.	.15¾	-	—
Pyridin, denaturing, dms.....gal.	1.30	-	—
refd., 2° dms.....lb.	.40	-	—
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton.	.12-.13	Nom.	
Pyrocatechin, CP, cryst., works, fib, dms., tins..lb.	2.15	-	2.40
resublimed, fib. dms., tins..lb.	4.60	-	—
Pyroxylin scrap, amber, cs., works..lb.	.15	-	—
black, cs., works.....lb.	.10	-	—
China white, ivory, cs., works..lb.	.16	-	—
dense white, cs., works..lb.	.12	-	—
gray, cs., works.....lb.	.10	-	—
mixed, mottles, opaque, cs., works..lb.	.04	-	—
shell-demi, cs., works....lb.	.12	-	—
translucent pastels, cs., works..lb.	.10	-	—
transparent, cs., works...lb.	.20	-	—
colors, cs., works.....lb.	.12	-	—
shavings, amber, cs., works..lb.	.16	-	—
colors, mixed, cs., works.lb.	.10	-	—
white, cs., works.....lb.	.15	-	—

Q

Quassia, chips, bls.....lb.	.06	-	.07
Quebracho extract, liquid, 25% tan., bbls., works..lb.	.03⅝	-	—
tanks, works.....lb.	.02⅞	-	—
solid, 63%, bgs., c.l., ex dock, plus duty..lb.	.04	-	—
clarified, 64%, bgs., c.l., same basis..lb.	.04¼	-	—
Queen of the meadow herb, bgs..lb.	.06	-	.07
Root. bgs.....lb.	.06	-	.07



IN choosing a source of supply for Paradichlorobenzene two things are of primary importance. The first is the quality of the product. The second is the character of the company that produces it. The quality and uniformity of Niagara PARA is instantly evident in the remarkable fineness and whiteness of its crystals. The character of Niagara Alkali Company can be estimated by the long list of satisfied customers who for many years have made Niagara their main source of supply, not only for Para but for these important materials also:

CAUSTIC SODA • CAUSTIC POTASH • CARBONATE OF POTASH

Niagara
ALKALI COMPANY
60 EAST 42nd STREET, NEW YORK, N. Y.
Associated with Electro Bleaching Gas Co., Pioneer Manufacturer of Liquid Chlorine

Quercitron extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms.....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flask. 92.00 -93.00
Quince seed, bgs.....lb. .75 - 1.50
Quinidine, cryst., small, cns...oz. .96 - —
large, cns.....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .98 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydroiodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .56
Rapeseed, Belgian, bgs.....lb. .06¼- .06¾
Dutch, bgs.....lb. .06¼- .06¾
Japanese, bgs.....lb. .06¼- .06¾
Raspberries, dried, bbls.....lb. .80 - .85
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.....lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
light shade, bbls., ton lots, same basis..lb. .65 - —
smaller lots, same basis, lb. .70 - —
kgs., ton lots, same basis, lb. .70 - —
smaller lots, same basis, lb. .75 - —
light - medium shade, ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
maroon shade, bbls., ton lots, same basis..lb. .90 - —
smaller lots, same basis, lb. .95 - —
kgs., ton lots, same basis, lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
selenide, bbls., ton lots.works. 2.00 - —
smaller lots, works.....lb. 2.50 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works....lb. 1.75 - —
Carmine 40, cns., 500 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin, kgs.....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y..lb. .06¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.50 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. 1.40 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .06¾- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic Rhodamine Y, bbls..lb. 3.50 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide .....lb. No stocks
Red, toluidin toner, kgs., same basis alizarin lakes..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .51½- —
10, bbls., same basis.....lb. .18½- —
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lbs..lb. 1.72 - —
smaller lots.....lb. 1.73 - 1.82
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., flb. dms..lb. 1.74 - 1.76
Red saunders wood, ground, bbls, lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .08½- .10
Rhodinol, bots.....lb. 5.75 -15.00
Rhubarb, root, bbls., cs., kgs..lb. .32 - .33
powd., bbls., kgs.....lb. .35 - .37
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .14½- —
smaller lots.....lb. .15 - —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .15½- —
smaller lots.....lb. .16 - —
Rose flowers, pale, bls.....lb. .22 - .23
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05½- .06
Rosin, gum, B, bbls., ex dock... 280 lbs. 8.25 - —
D, bbls.....280 lbs. 8.35 - —
E, bbls.....280 lbs. 8.75 - —
F, bbls.....280 lbs. 9.42½- —
G, bbls.....280 lbs. 9.42½- —
H, bbls.....280 lbs. 9.42½- —
I, bbls.....280 lbs. 9.42½- —
K, bbls.....280 lbs. 9.42½- —
M, bbls.....280 lbs. 9.42½- —
N, bbls.....280 lbs. 9.42½- —
W. G., bbls.....280 lbs. 9.42½- —
W. W., bbls.....280 lbs. 10.25 - —
X, bbls.....280 lbs. 10.25 - —
Wood, New York, F. F., bbls., 280 lbs. 9.16 -10.25
K, bbls.....280 lbs. 9.41 -10.50
M, bbls.....280 lbs. 9.51 -10.60
N, bbls.....280 lbs. 10.16 -11.25
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton. 35.00 - —
l.c.l., ex whse.....ton. 50.00 - —
Import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .23

S

Sabadilla seed, powd., bbls....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.75 - 2.05
Safflower, bls.....lb. .27 - .28
Saffron, Mexican, bls.....lb. .50 - .55
Spanish, tins .....lb. 20.00 -21.00
Safrol, cns.....lb. .58 - —
dms.....lb. .55 - —
Sage, Dalmatian, stemless....lb. .06 - .06½
garden, bls.....lb. .06½- .07
Sago flour, bgs.....lb. .02¾- .03¼
Salicin, bots., 5 lbs.....lb. 4.25 - —
cns., 25 lbs.....lb. 4.00 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., flb. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs, dlvd., N. Y..ton. 12.80 - —
l.c.l., bgs., dlvd. N. Y.ton. 14.00 -14.80
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton. 14.80 - —
l.c.l., dlvd. N. Y.....ton. 15.50 - —
Saltcake, grd., dom., bbls., works, ton. 19.00 -23.00
bulk, works.....ton. 12.00 -16.00
import, bulk, c.l.f.....ton. 12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots..100 lbs. 7.40 - 8.15
gran., bbls., 10-20 tons.100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots..100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots..100 lbs. 7.40 - —
Santonin, cryst., cns.....lb. 25.00 -26.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .45 - .50
Mexican, bls.....lb. .20 - .22
Sassafras bark, ord., bls.....lb. .11 - .12
select, bls.....lb. .22 - .23
Savory, bbls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .27 - .29
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't.....lb. .11½- —
smaller lots.....lb. .12 - —
kegs, 5,000 lbs., 1 shipm't.lb. .12 - —
smaller lots.....lb. .12½- —
Senega root, bls.....lb. .60 - .63
Senna leaves, Alexandria, bls.lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .10 - .11
2, bls.....lb. .07 - .08
3, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. 1.40 - 1.45
Shellac, bleached, bonedry, bbls., f.o.b., N. Y..lb. .21 - .22
dlvd. Boston.....lb. .21½- .22½
Chicago .....lb. .22 - .23
Pacific Coast.....lb. .23 - .24
refd., bbls., f.o.b. N. Y....lb. .25 - .26
dlvd. Boston.....lb. .24½- .25½
Chicago .....lb. .26 - .27
Pacific Coast.....lb. .28 - .29
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N. Y..lb. .15 - .15½
dlvd. Chicago.....lb. .16 - .16½
Pacific Coast.....lb. .18 - .18½
T. N., bgs., f.o.b. Bost., N. Y. lb. .14 - .14½
dlvd. Chicago.....lb. .15 - .15½
Pacific Coast.....lb. .17 - .17½
Shellac, varnish, orange, 5-lb. cut, bbls..lb. .90 - 1.06
4½-lb. cut, bbls.....gal. .85 - .95
4-lb. cut, bbls.....gal. .80 - .90
white, 5-lb. cut, bbls....gal. 1.05 - 1.15
4½-lb. cut, bbls.....gal. 1.00 - 1.10
4-lb. cut, bbls.....gal. .95 - 1.05
Silica amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works.ton. 17.00 - —
l.c.l., 2½ tons, works.ton. 19.00 - —
smaller lots, works.ton. 20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton. 18.00 - —
l.c.l., 2½ tons, works.ton. 19.50 - —
smaller lots works.ton. 21.00 - —
400 mesh, bgs., c.l., works, ton. 35.00 - —
l.c.l., 2½ tons, works.ton. 36.50 - —
smaller lots, works.ton. 38.00 - —
96-98%, 325 mesh, bgs., c.l., works..ton. 20.00 - —
l.c.l., 2½ tons, works.ton. 21.50 - —
smaller lots, works.ton. 23.00 - —
99%, 325 mesh, bgs., c.l., works..ton. 22.00 - —
l.c.l., 2½ tons, works.ton. 25.50 - —
smaller lots.....ton. 27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton. 11.00 - —
l.c.l., works.....ton. 16.00 - —
Silver, bullion.....oz. .45¼- —
Govt. purchase .....oz. .7757- —
Silver nitrate, vis.....oz. .33¼- .35⅛
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....lb. 85.00 -90.00
Skullcap, Eastern, bls.....lb. .25 - .26
Western, bls.....lb. .24 - .25
Skunk cabbage root, bls.....lb. .15 - .16
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 10.00 -15.00
Sloe berries, bgs.....lb. .11 - .12
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda, abietate, dms.....lb. .13 - —
Acetate, anhyd., dms.....lb. .08¼- —
flake, 60%, dms.....lb. .04¼- .05
Alginate, dms.....lb. .60 - —
Antimoniate, bbls.....lb. .15¾- .16¼
Arsenate, dms., dealers, c.l. works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .08¼
l.c.l., dms., works...lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .13
l.c.l., dms., works.....lb. .09½- .13½
liquid, dms., works.....gal. .30 - .33
Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Soda ash, dense, 58%, bgs., c.l. works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.03 - —
2 .....100 lbs. 2.18 - —
3 .....100 lbs. 2.43 - —
4 .....100 lbs. 2.53 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.40 - —
3 .....100 lbs. 2.65 - —
4 .....100 lbs. 6.05 - —
bulk, c.l., works.....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l., 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2 .....100 lbs. 2.13 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.78 - —
bbls., c.l.....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. 1.05 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2 .....100 lbs. 2.13 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.78 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.40 - —
3 .....100 lbs. 2.65 - —
4 .....100 lbs. 3.05 - —
bulk, c.l.....100 lbs. 1.05 - —
Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 lbs., or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs. or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.15 - —
powd., bbls., c.l., works.100 lbs. 1.75 - —
l.c.l., dlvd. N.Y....100 lbs. 2.39 - —
kgs., c.l.....100 lbs. 2.00 - —
l.c.l., dlvd. N.Y....100 lbs. 2.64 - —
Bichromate, spots, c.l., works, lb. .06¾- —
6 cks. or 10 bbls. or over, works..lb. .06¾- —
5 cks. or 9 bbls. or less, works..lb. .07 - —
Bifluoride, bbls.....lb. .12 - —
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
33 deg., bbls., c.l., works. 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works, 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —

Quercitron—Soda Silicate

Soda, bromide, U.S.P., gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bots., 5 lbs.....lb. 6.82 - —
jars, 25 lbs.....lb. 6.50 - —
Carbonate (see Soda ash, soda menohydrated soda, sal)
Caustic, flake, 76% grd., powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works...100 lbs. 3.00 - —
l.c.l., Zone 1....100 lbs. 3.45 - 4.80
2 .....100 lbs. 3.60 - 4.95
3 .....100 lbs. 3.85 - 5.20
4 .....100 lbs. 4.25 - 5.60
electro process, dms., c.l. works..100 lbs. 2.95 - —
l.c.l, same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..... 100 lbs. 2.25 - —
70%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..... 100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.60 - —
l.c.l., Zone 1....100 lbs. 3.05 - —
2 .....100 lbs. 3.20 - —
3 .....100 lbs. 3.45 - —
4 .....100 lbs. 3.85 - —
electro process, dms., c.l., works..100 lbs. 2.55 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, USP, VIII, gran., bbls. 225 lb. .21 - —
cns. 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .22 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns. 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32½
kgs., 100 lbs.....lb. .28 - —
powd., bbls., 250 lbs.....lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs., 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17¼
import., cs.....lb. .16¼- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07½- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis, lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N. F., cryst., bbls., 1,000 lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000 lb. lots, lb. 1.05 - —
smaller lots.....lb. 1.20 - —
cns., 25 lbs.....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, N.F., cns., 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 3.05
gran., bbls.....100 lbs. 2.75 - 3.30
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.90 - 1.95
Mandelate, bots., 5 lbs.....lb. 5.50 - —
jars, 25 lbs.....lb. 5.25 - —
Metanilate, kgs.....lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
gran., bbls., c.l., works.100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80
Molybdate, tech., anhyd., kgs., lb. .70 - .75
cryst., kgs.....lb. .60 - .65
Monohydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, 100-lb. bgs., Apr.-June divy., ports.ton. 27.50 - —
200-lb. bgs., same basis, ton. 26.80 - —
bulk, same basis.....ton. 25.50 - —
rfd., gran., bbls., 25 c.l. 100 lbs. 2.25 - —
5-24 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.65 - —
powd., bbls., ton lots....lb. .05¾- —
smaller lots.....lb. .06¼- —
Nitrite, 95-98%, dom., bbls., c.l., works, frt. equalized...lb. .07 - —
West Coast, f.o.b. ports.lb. .08¼- —
l.c.l. .....lb. .08½- .11¼
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works.....100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - —
bbls., c.l., works...100 lbs. 1.90 - —
l.c.l., works.....100 lbs. 2.10 - —
monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
tribasic, bgs., c.l., works.... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
kgs., c.l., works...100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .10 - .11½
Pyrophosphate, anhyd., bbls.lb. .10 - —
cryst., bbls.....lb. .09¼- —
Sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms. and up, delvd. N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works...100 lbs .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —

Soda Silicate—Yellow, Cad.

Soda, silicate, 52°, dms., c.l., works..100 lbs. 1.25 - —
l.c.l., 5 or more, works, 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls....lb. .06½- .07
import, bbls.....lb. .06½- .07
Stannate, dms.....lb. .37 - .40
Stearate, lump, bbls., works..lb. .19 - .28
powd., bbls., works.....lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd, 100 lbs. 2.75 - —
less than 5 tons, dlvd, 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd, 100 lbs. 3.50 - —
less than 5 tons, dlvd, 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works... 100 lbs. 2.10 - 2.85
bbls. ..... 100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4 .....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .36 - —
tanks, same basis.....gal. .31 - —
water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works, lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .20 - .22
Spikenard root, bls.....lb. .12 - .15
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04½- —
super, bbls., works.....lb. .01½- —
tanks, works.....lb. .01½- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .31 - .32
St. John's bread, bls.....lb. .08½- .09
Starch, corn, pearl, bgs...100 lbs. 4.23 - 4.43
powd., bgs.....lb. 4.33 - 4.53
Iodide, bots.....lb. 1.87 - —
Potato, dom., bgs.....lb. .05½ Nom.
import., bgs.....lb. .05½ Nom.
Rice, bbls.....lb. .07¼ Nom.
Wheat, thick boil, bbls.....lb. .07 Nom.
Stavesacre seed, bgs.....lb. .30 - .35
Stearin, oleo, bls.....lb. .10 - .10¼
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .50
Stramonium leaves, bls.....lb. .11 - .12
seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .08½- .09
Strophanthus seed, Kombe, bgs. lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hydrophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .52 - .55
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works...lb. .40 - —
Sugar coloring, bbls.....gal. .65 - 1.05
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts.long ton. 18.00 - —
c.l., spot, nearby.long ton. 21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long-ton. 22.00 -25.00
Bost., Portland..long ton. 22.50 -25.50
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, com'l., bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., bbls., works..100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works.... 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls, works.....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls, works.....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works.....100 lbs. 2.85 - 3.25
Chloride, dms., c.l., works...lb. .02½- —
l.c.l., dms., works.....lb. .03½- —
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .15 - .17
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.80 - 3.85
Sumac, grd., Sicilian, bls.....ton. 60.00 -63.00
leaf, bales.....ton. 65.00 -68.00
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .08½- .09½
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06½- .06¾
poultry, bgs.....lb. .05¾- .06¼
Hungarian medium, bgs..lb. .06½- .06¾
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.50 - —
20%, bulk, same basis....ton. 14.00 - —
run-of-pile, basis 16%, bulk same basis..ton. 8.00 - —
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 Nom.

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton. 20.00 - —
2, bgs., c.l., mills.....ton. 17.00 - —
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton. 14.00 - —
l.c.l., mills.....ton. 16.00 - —
96.98% 325 mesh, bgs., c.l., mills..ton. 15.00 - —
l.c.l., mills.....ton. 17.00 - —
98-99½% 325 mesh bgs.,c.l., mills..ton. 15.25 - —
l.c.l., mills.....ton. 17.25 - —
99.85-99.95% 325 mesh, bgs., c.l., mills..ton. 17.00 - —
coarse, off color, bgs., c.l., mills..ton. 11.00 -13.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton. 21.00 - —
l.c.l., mills.....ton. 24.00 - —
Vermont, bgs., c.l., mills. ton. 14.00 - —
l.c.l., ex whse.....ton. 25.00 - —
import., Canad., bgs., c.l., dlvd..ton. 28.00 - —
l.c.l., dlvd.....ton. 28.50 - —
French, high-grade, bgs., l.c.l., ex whse..ton. 45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton. 23.00 -25.00
l.c.l., ex whse.....ton. 27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton. 65.00 -67.00
ex whse.....ton. 85.00 - —
2, bgs., ex dock, arrival. ton. 60.00 -62.00
Tallow, animal, edible, bbls...lb. .10 Nom.
extra, loose, works.....lb. .08¾- —
special, loose, works.....lb. .08¾- —
sulphonated 35% (24% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .07½- —
50% (43% fat), dms., c.l..lb. .07¼- —
l.c.l. .....lb. .08 - —
50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08¼- —
Tamarinds, W. I., bbls.....lb. .06½- .07
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12% ammon., 15-20% b.p.l., bulk.....unit-ton. 4.00 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 4.00 & .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago....unit-ton. 3.75 & .10
high-grade feeding, bulk, Chicago..unit-ton. 4.25 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.l.f. ports, Apr.-May shipt..unit-ton. 4.00 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .05¼
Tar acid oil, 15%, dms., c.l., works .....gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works.....gal. .24½- —
l.c.l., same basis.....gal. .27½- —
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
powd., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
USP, powd., bbls.....lb. .32 - .32½
Terebene, cns.....lb. .70 - .75
Terpenyl acetate, cns.....lb. .90 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts .....lb. .13¾- —
tanks .....lb. .14 - —
contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 99% pure, dms, works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works..lb. 2.00 - —
Thyme, French, bls.....lb. .09½- .10
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26 - —
5 tons, same bases....lb. .27 - —
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs.....lb. .41½- .42
Metal, Straits.....lb. .58¾- —
Oxide, bbls.....lb. .58 - .63
Tetrachloride, anhyd., bbls..lb. .30 - —
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals..lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse....lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l. (20 tons) E., frt. alld.....lb. .16½- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
pigment, barium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .06¾- —
Pac. cst., f.o.b. terminal. lb. .06¾- —
50-999 lbs., E. dlvd....lb. .06 - —
Pac. cst., ex whse..lb. .06 - —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., 1,000-lb. lots, E., frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....lb. .06¼- —
Titanium pigment, calcium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
under 50 lbs., E. dlvd..lb. .06¾- —
bbls., 1,000-lb. lots, E. frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....lb. .06¼- —
Toliidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsam, cns.....lb. .48 - .50
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works, .gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .28 - .30
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .40 - .51
dms., c.l., dlvd.....lb. .34 - —
500 lbs., dlvd.....lb. .37 - —
tech., 1, cns., dlvd.....lb. .28 - .39
dms., c.l., dlvd.....lb. .24½- —
500 lbs., dlvd.....lb. .25 - —
2, ons, dlvd.....lb. .26 - .37
dms., c.l., dlvd.....lb. .22½- —
500 lbs., dlvd.....lb. .23 - —
Triethanolamine, dms., works..lb. .26 - .36
Triethylene glycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms....lb. .34 - .36
Tripoli, air-floated, bgs., c.l., works..ton. 25.00 - —
l.c.l., ex whse., N.Y....ton. 49.00 - —
1 ton, works.....con. 30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l. works.. ton. 17.00 - —
l.c.l., 1 ton, works.....ton. 22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works..ton. 15.00 - —
l.c.l., 1 ton, works.....ton. 20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms. lb. No prices
99%, dms.....lb. No prices
Oxide, CP, kgs.....lb. 3.75 - —
tech., kgs.....lb. 2.75 - —
Turmeric root, Alleppy, bgs...lb. .06¼- .06¾
Madras, bgs.....lb. .06½- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .41½- —
l.c.l., 10, ex dock.....gal. .43½- —
5, ex dock.....gal. .45½- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .39 - —
l.c.l., same basis....gal. .41 - —
tanks, dlvd. E. cities..gal. .35 - —
steam-dist., dms., c.l., dlvd. gal. .39 - —
l.c.l., dlvd.....gal. .42 - —
tanks, dlvd.....gal. .34 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton. 95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton. 95.00 - —
f.o.b. N. Y.....ton. 101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt. ton. 95.00 - —
smaller lots, f.o.b. N. Y. from whse. 101.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. Gulf ports..unit-ton. 1.04 - —
Uva ursi leaves, bls.....lb. .20 - .25

V

Valerian root, 67s.....lb. .10 - .11
Valonia, beards, bgs., shipt..ton. 49.00 - —
Cups, bgs., shipt.....ton. 32.50 -34.50
Vanilla beans, Bourbon, tins..lb. 4.75 - 5.50
Mexican, tins.....lb. 4.50 - 4.75
cut, tins.....lb. 4.25 - 4.50
South American, tins.....lb. 4.25 - 4.50
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
5-lb. tins, 2,000 lbs. or more, lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 lbs. or more, lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs.....lb. .47 - .49
Verdigris, bbls., kgs.....lb. .24 - .26
Violet, methyl. toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .70 - .72
tree, bark, bls.....lb. .25 - .26
Wattle bark, bgs., shipt.....ton. 33.50 -34.50
Extract, 60°, bbls.....lb. .04½- —
Wax, bayberry, import, bgs....lb. .16½- .17
Bees, white, bleach, slabs., cs., 500 lbs..lb. .38 - .44
yellow, crude, Africa, bgs., lots of 10..lb. .29½- .30
1 bg.....lb. .30 - .30¼
Brazil, Chile, bgs., 5-10 tons. lb. .31 - .32
1 ton.....lb. .31½- .32½
500 lbs.....lb. .32 - .33
100 lbs.....lb. .32½- .33½
refd., slabs, cs., lbs.....lb. .34 - .35
Candelilla, bgs., 1 ton.....lb. .15 - .15½
jobbing lots.....lb. .15½- .16
Wax carnauba, bgs., No. 3, chalky, 1 ton..lb. .35 - .35½
5 bgs.....lb. .35½- .36
1 bgs.....lb. .36 - .36½
N. C. 2, bgs.....lb. .40 - .41
N. C. 3, bgs., 1 ton.....lb. .36¼- .36¾
5 bgs.....lb. .36¾- .37¼
1 bgs.....lb. .37¼- .37¾
refined, bgs.....lb. .40½- .41
yellow, 1, bg, 1 ton.....lb. .45½- .46
5 bgs.....lb. .46 - .46½
1 bgs.....lb. .46½- .47
2, bgs.....lb. .44 - .44½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10¼- .10½
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11¾
less than 1 ton.....lb. .11¼- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .52 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05½- .06
White precipitate, powd., bots, 5 lbs..lb. 1.90 - —
dms. .....lb. 1.70 - 1.75
Whiting, chalk, coml., dry-grd., bip. bgs., c.l., works..ton. 12.00 - —
l.c.l., works.....ton. 14.00 - —
bbls., c.l., works.....ton. 15.00 -16.50
l.c.l., works.....ton. 17.00 - —
pap. bgs., c.l., works.ton. 11.20 -13.50
l.c.l., works.....ton. 13.20 - 14.50
wet-grd., bgs., c.l., works, ton. 14.50 -15.00
l.c.l., works.....ton. 15.00 -19.00
bbls., c.l., works.....ton. 17.00 -18.00
l.c.l., works.....ton. 18.50 -20.00
gilder's bolted, bip. bgs., c.l., works..ton. 15.00 - —
l.c.l., works.....ton. 16.00 - —
bbls., c.l., works.....ton. 18.00 -19.50
l.c.l., works.....ton. 19.00 -20.00
pap. bgs., c.l., works.ton. 14.60 -15.50
l.c.l., works.....ton. 15.60 -16.50
extra bolted, bip. bgs., c.l., works..ton. 15.00 - —
l.c.l., works.....ton. 16.00 - —
bbls., c.l., works.....ton. 18.00 -22.50
l.c.l., works.....ton. 19.00 -22.00
pap. bgs., c.l., works.ton. 14.60 -17.50
l.c.l., works.....ton. 15.60 -18.50
Paris white, bip. bgs., c.l., works..ton. 15.00 - —
l.c.l., works.....ton. 16.00 - —
bbls., c.l., works.....ton. 18.00 -24.00
l.c.l., works.....ton. 19.00 -25.00
pap. bgs., c.l., works. ton. 14.60 -20.00
l.c.l., works.....ton. 15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l. works ton. 11.50 - —
l.c.l., 8-20 tons, works..ton. 12.50 - —
4-8 tons, works.....ton. 13.50 - —
2-4 tons, works.....ton. 14.50 - —
extra, bgs., (extra), c.l., works..ton. 12.50 - —
l.c.l., 8-20 tons, works, ton. 13.50 - —
4-8 tons, works.....ton. 14.50 - —
2-4 tons, works....ton. 15.50 - —
putty grade, bgs. (extra), c.l., works..ton. 11.00 - —
l.c.l., 8-20 tons, works..ton. 12.00 - —
4-8 tons, works.....ton. 13.00 - —
2-4 tons, works.....ton. 14.00 - —
water-floated, bgs. (extra), c.l., works..ton. 11.50 - —
l.c.l., 8-20 tons, works..ton. 12.50 - —
4-8 tons, works.....ton. 13.50 - —
2-4 tons, works.....ton. 14.50 - —
precipitated, bgs., c.l., works. ton. 15.00 - —
l.c.l., 5 tons, works.....ton. 20.00 - —
smaller lots, works....ton. 25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07½- .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton. 25.00 - —
standard, bgs., c.l., works, ton. 20.00 - —
import, 40-60 mesh, bgs., ex dock..ton. 20.00 - —
70-80 mesh, bgs., ex dock..ton. 22.00 - —
100 mesh, bgs., ex dock...ton. 27.00 - —
120 mesh, bgs., ex dock....ton. 33.00 - —
Wormseed, American, bgs.....lb. .21 - .22
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 2.50 Nom.
lithopone, all shades, bbls., 1 ton, works, frt. alld. lb. .40 - —
smaller lots, same basis, lb. .45 - —
kgs, same basis.....lb. .50 - —
sulphide, orange, bbls., works, lb. .90 - .95

Yellow, chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
open order..lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.: El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch, pink, bbls..lb. .09 - .11
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works..lb. .04½- —
C, bbls., works..lb. .03½- —
yellow, A, bbls., works..lb. .02¾- —
B, bbls., works..lb. .02½- —
C, bbls., works..lb. .02 - —
D, bbls., works..lb. .0195- —
E, bbls., works..lb. .01775- —
F, bbls., works..lb. .01½- —
G, bbls., works..lb. .01½- —
H, bbls., works..lb. .01⅜- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import..lb. .0235- —
New York (f.o.b.)..lb. .02¼- —
Philadelphia, for import..lb. .02¼- —
Portland, Seattle..lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .0245- —
New York..lb. .02⅜- —
Philadelphia, for import..lb. .02⅜- —
Portland, Seattle..lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto, Boston, N. Orleans..lb. .0260- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03½- —
Minneapolis..lb. .03¾- —
New York..lb. .02¾- —
Pittsburgh..lb. .03¼- —
Portland, Seattle..lb. .03⅝- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock, lb. .02½- —
from whse..lb. .02⅝- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N. Y., lb. .04½- —
l.c.l., same basis..lb. .04⅝- —
synth., bbls., c.l., works..lb. .06⅜- —
l.c.l., works..lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order..lb. .19 - —
Yellow dock root, bls..lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls..lb. .08 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.55

Z

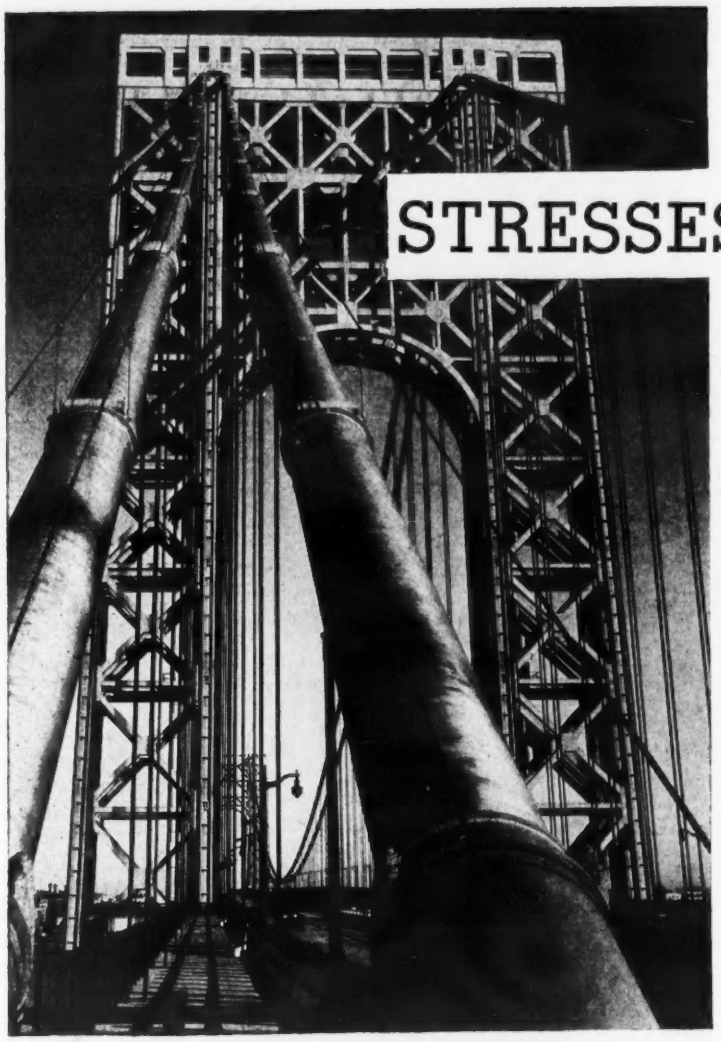
Zinc, arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .10½- —
l.c.l., bgs., cs..lb. .11 - —
arsenite, bgs., c.s., c.l. dealers, of Rockies..lb. .10½- —
l.c.l., bgs., cs..lb. .11 - —
Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Carbonate, tech., bbls..lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
bbls..lb. .31 - —
dms..lb. .36 - —
kgs..lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., dms., works.100 lbs. 4.60 - —
gran., dms., c.l., works. 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
solution, dms., works..lb. .04½- —
tanks, works..lb. .02 - —
Cyanide, kgs., works..lb. .36 - .38
Dust, bbls., c.l., dlvd..lb. .0890- —
l.c.l., bbls., dlvd..lb. .09½- —
Fluoride, bbls..lb. .20 - .25
Iodide, N.F., bots..lb. 4.15 - —
jars..lb. 4.00 - —
Metal (see daily quotations in Market report).
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .06¼- —
ex whse., Pac. cst..lb. .06¼- —
bbls., c.l., dlvd..lb. .06¾- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst..lb. .06½- —
leaded, 5%, bgs., c.l., dlvd..lb. .05⅞- —
l.c.l., dlvd., except Pac. cast..lb. .06⅛- —
ex whse., Pac. cs.lb. .06⅛- —
bbls., c.l., dlvd..lb. .06⅛- —
l.c.l., dlvd., except Pac. cst..lb. .06⅜- —
ex whse., Pac. cst.lb. .06⅜- —
35%, bgs., c.l., dlvd..lb. .0610- —
l.c.l., dlvd., except Pac. cst..lb. .0635- —
ex whse., Pac cst.lb. .0635- —
bbls., c.l., dlvd..lb. .0635- —
l.c.l., dlvd., except Pac. cst..lb. .0660- —
ex whse., Pac cst.lb. .0660- —
50%, bgs., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse., Pac. cst.lb. .06½- —
bbls., c.l., dlvd..lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex whse., Pac. cst.lb. .06¾- —
Zinc, oxide, pigment, dom., French process, coml., lead-free, bgs., c.l., dlvd..lb. .06 - —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse.,Pac. cst.lb. .06½- —
bbls., c.l., dlvd..lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex whse.,Pac. cst.lb. .06½- —
green seal, bgs., c.l., dlvd. lb. .07½- —
l.c.l., dlvd., except Pac. cst..lb. .07⅝- —
ex whse.,Pac. cst.lb. .07⅝- —
bbls., c.l., dlvd..lb. .07⅝- —
l.c.l., dlvd., except Pac. cst..lb. .08 - —
ex whse..Pac. cst.lb. .08 - —
red seal, bgs., c.l., dlvd. lb. .07 - —
l.c.l., dlvd. except Pac. cst..lb. .07¼- —
ex whse.,Pac. cst..lb. .07¼- —
bbls., c.l., dlvd..lb. .07¼- —
l.c.l., dlvd. except Pac. cst..lb. .07½- —
ex whse.,Pac. cst.lb. .07½- —
white seal, bgs., c.l., dlvd. lb. .08 - —
l.c.l., dlvd. except Pac. cst..lb. .08¼- —
ex whse.,Pac. cst.lb. .08¼- —
bbls., c.l., dlvd..lb. .08¼- —
l.c.l., dlvd. except Pac. cst.lb. .08½- —
ex-whse., Pac. cst.lb. .08½- —
import., gold seal, cks., ex whse..lb. .13 - .14
green seal, bbls., ex whse., lb. .10 - —
white seal, cks., ex whse., lb. .11 - .12½
Zinc, oxide, USP, bbls., c.l..lb. .09 - —
l.c.l..lb. .09¼- —
Palmitate, bbls..lb. .23 - .25
Resinate, fused, pale, bbls..lb. .10 - —
precip., dms., dlvd..lb. .15 - —
Stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton..lb. .21 - —
1,000-2,000 lbs..lb. .22 - —
less than 1,000 lbs..lb. .23 - —
USP, bbls..lb. .21 - —
Sulphate, cryst., bgs., c.l.100 lbs. 3.15 - —
l.c.l..100 lbs. 3.90 - —
bbls., c.l..100 lbs. 3.30 -
l.c.l..100 lbs. 4.05 - —
flake, bgs., c.l..100 lbs. 3.60 - —
l.c.l..100 lbs. 4.35 - —
bbls., c.l..100 lbs. 3.75 - —
l.c.l..100 lbs. 4.50 - —
powd., bgs., c.l..100 lbs. 5.00 - —
l.c.l..100 lbs. 5.75 - —
bbls., c.l..100 lbs. 5.15 - —
l.c.l..100 lbs. 5.90 - —
Sulphide, bgs., c.l. (20 tons), dlvd..lb. .09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09¼- —
bbls., c.l. (20 tons), dlvd..lb. .09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
Sulphocarbolate, NF, bbls..lb. .24 - .26
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 5.15 - —
l.c.l., dms., works..100 lbs. 5.50 - —
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .04¾- —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse.,Pac. cst.lb. .05¾- —

Yellow—Zircon. Oxide

Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works..ton.75.00 -100.00
kgs., small lots, works..lb. .04¼- .04½
white, 98%, grd., kgs., works. lb. 1.40 - 1.52

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the April 5 issue; the next printing will be in the May 3 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials Market, which begins on page 33.



STRESSES AND STRAINS

In paint films, too

THE PAINT FILM is not unlike a great many other things which must perform under considerable stress and strain. In certain equipment or mechanisms, internal pressures constantly strive to exceed the "limit of safety". And if the materials which constitute the physical make-up of such equipment are not capable of holding these hidden forces in check, a rupture or break may result.

A similar action has been found to take place in a paint film during the weathering process. As the vehicle ages, definite stresses and strains are created within the film, and if not controlled, the ultimate result may be the familiar cracking and checking type of failure.

Cryptone MS-130, the Zinc Sulphide-Magnesium Pigment, was designed to relieve these stresses and strains and to provide well distributed points where breaks can occur on a microscopic scale if the film strength is exceeded. Cryptone MS-130 introduces the effect of film distensibility, producing plasticization without attendant softness.

We ask that you test Cryptone MS-130. You may want to do this by introducing some into your present outside formulas. Prove to yourself this new principle in paint durability. We'll supply the sample free.

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The New Jersey Zinc Company

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(For Paint Manufacturers only)

Name.....

Address.....

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CRYPTONE MS-130

ZINC SULPHIDE-MAGNESIUM PIGMENT

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

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Conditions Of Work

One of the topics scheduled for discussion in the coming annual meeting of the Chamber of Commerce of the United States is "Management Relations with Employees." Among the many matters with which business does, or should, concern itself there is none that calls more imperatively for serious thought, wide counsel, and intelligent action; for none has been more sorely neglected, on either the productive or the distributive side of the functioning of business, in the practically universal regard for results with little or none for methods.

In the discussion of management-employees relations the business leaders of the nation will deal primarily with two elemental aspects. They plan to discuss working conditions in manufacturing plants and proper methods for employee negotiation. These two aspects merge very intimately. They are so closely interdependent that they may well be regarded as one. If working conditions in a plant are what they should be, there is no necessity for negotiations between management and employees. If the proper spirit and ample opportunity are not present in the attitude toward negotiations, working conditions cannot be made satisfactory.

Working conditions may be regarded quite narrowly. Unfortunately they are frequently so regarded, and the application of the term is limited to a strictly physical sense of facilitating more efficient exertion on the part of the worker.

Working conditions comprise everything that is a part of the relations of management and employees. They include rate of compensation and method of direction. They include recognition of merit and furtherance of initiative. They include everything that is necessary to make reasonable employees satisfied with their employment. And it must be recognized that reasonable employees are almost always in the majority in any plant, and that, if their working conditions are such as ordinary common sense dictates to the intelligence that is expected of management, reasonable employees will not give ear to those whose appeal is almost wholly emotional.

When working conditions in a plant are such as they evidently should be, methods of negotiation are of negligible interest.

Responsibility In Industry

The decisions of the Supreme Court of the United States upholding the constitutionality of the Wagner labor relations act must necessarily enhance the importance of the consideration of a number of topics in the coming annual meeting of the national chamber of commerce. They affect particularly one topic to be presented and discussed, albeit its consideration will be primarily, if not wholly, from the viewpoint of business management. This topic is on the program as "Responsibility of Both Labor and Management."

Consideration of this topic would gain much in value if its discussion were to bring forth the views of both elemental divisions of business—management and labor. Its consideration would be conducive of far more good if the two elements were enabled to hear in full detail the views of each other. The Wagner act specifically imposes a responsibility on management. It most unfortunately does not even define the responsibility of labor —and labor's is in many ways the greater responsibility.

If the plans of the Secretary of Labor for conferences of management and labor are properly directed, the development of understanding and acceptance of the undeniably mutual responsibility of the two parties, can confidently be expected. Those who enter upon these conferences must do so facing one of the most important of what the supreme court has characterized as "the plainest facts of our national life." This fact must be faced: management and labor have a responsibility, each to the other, and both to the nation, which neither can with impunity long evade.

Management must accept its responsibility because to do so will be to its own advantage. This acceptance must not come from more or less gracious bowing to the law's demand. It must not reflect the belief, attributed in a recently published statement to a corporation president, who was quoted as regarding management to be composed of "the Christian men to whom God in His infinite wisdom has given control of the property interests of the country."

There is a specific proscription of such vain taking of the name of God, in the Mosaic decalog. There is—and this may carry greater weight with some members of the management division of business—a widespread disbelief in any divine rights, and there are thousands all too eager to fan this disbelief into destruction.

Labor must accept its responsibility with particular reference to the offenses that are in its name committed against management, against ownership, and against the general welfare, including its own. As labor is represented, so labor is accepted, and labor has a far too important role in the national life to countenance malfeasance or misfeasance in its functioning. There should be no need of legislative mandate; but, if such need arise, it must be met promptly.

Experience with other systems has clearly proved to all who will look upon them objectively that the best interests of labor are inseparably joined with those of management and those of ownership. Three points of support are necessary for stability in the physical world. They are equally indispensable in the realms of economics. Production, distribution, and consumption are essential to the existence of industry. Ownership, management, and labor are essential to its functioning.

Responsibility is a serious matter. It roots down to the mandate that every man is his brother's keeper. Of all human relations it is a mutual characteristic. In none is it more essentially so than it is in those of management and labor.

—O-P-D—

Chemistry And Nature

Nature is still the world's greatest chemical "synthesist" and has the most productive chemical plant. All things tangible are chemical compounds whether they be classified in the animal, the vegetable, or the mineral kingdom. Nature's work in the production of substances in the last class apparently was finished eons ago. Nature's laboratory continues to carry on the continuous processes of "synthesis" of the organic compounds which men style animal and vegetable. The man-constructed science of chemistry steps in to assist in the improvement of these products and to find in many of them a larger usefulness in connection with the practical application of Nature's most complex product—the human intellect.

In its relation to the operations of Nature's chemical plant, as in that with the results of human endeavor, chemistry finds its greater opportunities among the by-products (a term which, like "weeds," connotes chiefly delayed recognition of values). The waste materials that are left when man has made all use he knows of Nature's products are chemically potential in usefulness. It is for chemistry, the science man has constructed and employs, to find this usefulness.

So it is that much significance attaches to the meeting last week of the American Chemical Society in North Carolina; for Nature has an extremely large output of by-products at its vegetable plants in the South. Chemistry has done much in recent years to put these by-products to good use. It has also done more than a little to introduce new products into the manufacturing schedules of these plants which have particular advantages in raw materials and catalysts for the "synthesis" of vegetable compounds.

New research is being directed to the utilization of by-products and sport products of Nature's Southern organic laboratories, which are adaptable to conversion into useful forms of cellulose. Straws and hulls and bagasse and even weeds are being subjected to experimentation with at least as much promise as was offered in the early stages of the development of pine-wood as a material for the manufacture of paper and rayon. From coal and petroleum, chemistry turns to the replenishable natural resources with much to be learned of their ultimate usefulness.

The larger number of the products of Nature's laboratories, organic and inorganic, must pass through man-developed chemical processes to become of greatest usefulness to man. These processes require many reagents similarly produced by other processes. Hence the development of the cellulosic resources of the South calls into being at convenient locations plants wherein men produce these reagents—acids, alkalies, bleaches, solvents, many others—and the chemical industry is expanded by the interdependence of its various parts.

Thus too will be stimulated economic progress and general improvement in regions where diversity of interest is much to be desired. Natural raw materials, organic and inorganic, even those of relatively low value, are, by reason of their low absolute cost, the bases of wide industrial undertakings when the chemistry of man and that of Nature are properly correlated for their development.

PFIZER
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Until the year 1923 America, like the rest of the world, obtained raw materials for Citric Acid manufacture almost exclusively from one foreign source. Previous to that time, however, the Pfizer Research Staff had devoted years of labor to the developement of a process for the production of Citric Acid by fermentation, and in the year 1923 Pfizer erected the world's first factory which commercially produced Citric Acid by fermentation.

● This achievement not only freed American industry from foreign domination of the Citric Acid market, but also provided for the whole world a dependable source of supply at a constantly lowering cost and of a quality and uniformity definitely superior to that previously available.

● The production of Pure Citric Acid by fermentation, with its many accompanying benefits to Citric Acid users, is one of Pfizer's contributions to American scientific achievement and independence.

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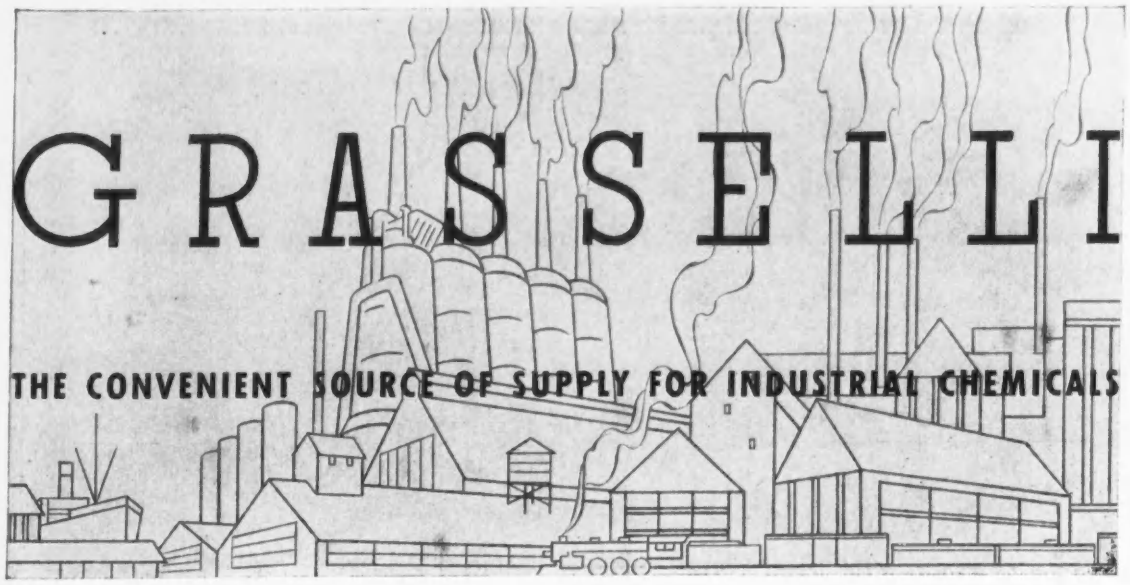

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Solvay Is Constructing Chlorine Plant in La.

The first stages of construction of a large chlorine plant in Baton Rouge, La., have been started by the Solvay Process Company, this city.

This new unit of Solvay operations will be the first commercial plant for the production of chlorine in the far South. Its location is strategic in relation to the increasing demand for chlorine in the South, especially for use in the growing manufacture of paper in the Gulf States region.

Solvay interests constructed the first alkali plant in the United States, in Syracuse, N. Y., more than fifty years ago. Prior to that time all alkalies consumed in this country were imported from England. Chlorine has been produced at the Syracuse Solvay plant for a number of years, and more recently the Solvay Process Company constructed a plant in Hopewell, Va., for the manufacture of chlorine by a new process which is now in successful operation.

It is expected that the first unit of the Baton Rouge plant will be ready for operation by the end of this year. Other units will be added as rapidly as the demand of the Southern markets require.

George T. Short Joins Witco

Wishnick-Tumpeer, Inc., reports the appointment of George T. Short to its New York office sales department. Mr. Short joins Witco with wide experience as a chemist, executive and salesman. He is a graduate of the University of Vermont, with a B.S. in chemistry. His first job was in the laboratory and plant of the Armour Fertilizer Works, Chrome, N. J. During the World-War he did research on airplane dopes and plasticizers for the Government. Following this he was a chemist in the control laboratory of the Calco Chemical Company. In 1920 Mr. Short became assistant to the general manager of the Wilckes, Martin, Wilckes Company, chemical division; in 1925, the general manager; in 1926 a director and vice-president of the company, continuing in that position until the company was merged with the Swann Corporation in 1930, and held the position until the latter firm became a part of the Monsanto Chemical Company of St. Louis in 1936.

Zinc Institute Program of Broad Technical Interest

At the annual meeting of the American Zinc Institute and the Galvanizers Committee, in the Statler hotel, St. Louis, starting April 26, papers on a diversity of subjects have been arranged of interest to all sections of the industry. Speakers at the first session of the institute will include Julian D. Conover, secretary of the American Mining Congress; W. R. Ingalls, director of the American Bureau of Metal Statistics, and J. F. Froggett, editor of the *Daily Metal Trade*. Tuesday will be taken up with a joint session of the institute and the committee, and among the speakers will be U. C. Tainton, William C. Reid, J. J. Enlow, Carl L. Cue, of United Cooperatives, and Charles R. Kimball, of the Curtis Publishing Company. At a continued meeting of the galvanizers committee, speakers will include L. T. Baldwin, P. C. Ely, J. A. Succop, and Walter G. Trench.

Mathieson Income Increased 64 Percent in First Quarter

The Mathieson Alkali Works reports for the first quarter of 1937 net income of $477,051 compared with $289,692 in the same period of last year. This is equal to 52 cents a share on 830,428 shares of common stock, against 30 cents a share on 830,513 shares in the 1936 period.

E. M. Allen, in the report to stockholders, stated that operations and shipments at all plants continued at an increasing rate during the first quarter, made possible by the fact that the company's basic products, caustic soda, soda ash, and chlorine, are consumed mainly by such industries as rayon, soap, paper, glass, textiles, and chemicals, which industries are all operating at increased capacities.

Cliffs Dow Chemical Company, Marquette, Mich., reports the appointment of R. W. Jenner as general superintendent. He fills the position formerly occupied by E. T. Olsen as general manager.

Heavy Chemicals

Acetic Acid Advance Reflects Increase in Calcium Acetate Price —Blue Vitriol Lower—Antimony Needle Reduced—Broad Demand for Sulphuric Acid—Nitric Acid Firm

Business in the market for industrial chemicals noted an irregular demand during the week just closed. The irregularity in the call could be explained by the mixed trend of operations in the light and heavy industries. Labor disturbances throughout the country in a number of small miscellaneous industries consuming chemicals also showed demand. Changes included an advance in natural acetic acid and lime acetate and a reduction in blue vitriol and antimony needle.

Advance in acetic acid reflected a rise in prices for lime acetate. Blue vitriol reduction was brought by the recent decline in price for copper metal. Shipments of sulphuric acid were moving out at a good pace, the movement having been the best in some recent months. It was reported that a gradual broadening in demand for sulphuric acid has been noted since the start of the year. Muriatic and nitric acid shipments were also good. Manganese ore continued strong, for a shortage of stocks of South African, Indian and Russian was noted. Prices for tin salts noted an easier tone. Synthetic acetic acid was unchanged.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Acetic acid, natural, 7c. to 27c. per 100 lbs.
Calcium acetate, 15c. per 100 lbs.

Reduced

Antimony, needle, ½c. per lb.
Blue vitriol, 25c. per 100 lbs.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.3	154.3	154.2	153.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.5	99.4	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

Alums. — Business continued fairly good in the market for commercial and iron-free sulphate. Quotations were without change. February exports amounted to 4,865,934 pounds, valued at $54.085, of which Canada consumed 3,947,109 pounds; Mexico, 2,100 pounds; Cuba, 120,000 pounds; Colombia, 328,325 pounds; China, 218,400 pounds; Philippine Islands, 240,200 pounds, and Australia, 8,000 pounds.

Ammonia, Anhydrous. — A firm tone prevailed in this market again last week, sellers reporting shipments noted some improvement in volume.

Ammonia Aqua.—Business here continued at a good pace during the week, the call coming from routine consumers. Prices were well maintained.

Ammonia Sulphocyanide.—This market presented little change during the course of the week under review, shipments were moving out in conservative volume. Prices were in line with quotations in effect previously.

Antimony.—The market for antimony metal continued quiet during the week. No change was disclosed in quotations.

Antimony Needle. — A fractional decline was noted here, sellers were quoting 17c. to 19c. per pound, according to quantity.

Antimony Oxide. — Business in this market continued good during the week, the price was firm. The call came from the ceramic industry and other routine consumers.

Arsenic. — There was a fair demand for the white product during the week just ended. Sellers reported quotations were firm. The call for red arsenic was fair. No change was disclosed in quotations.

Barium Salts. — A good inquiry was noted for carbonate and chloride during the week just ended. Makers reported no change in quotations. The call for barium hydrate and nitrate was spotty, but a steady to firm tone was in evidence.

Blue Vitriol. — A decline of 25c. per 100 pounds was reported here, making the car lot price $5.75 per 100 pounds. Decline in price could be traced to the lowering of price for the metal. Sellers reported a heavy demand was noted from the agricultural districts.

Calcium Acetate.—An advance of 15c. per 100 pounds was noted here, sellers were naming $2.75 per 100 pounds.

Calcium Chloride.—A good inquiry was noted in this market again last week. Prices were well maintained. February exports amounted to 338,059 pounds, valued at $4,957, of which Canada consumed 6,876 pounds; Panama, 102,970 pounds; Mexico, 7,431 pounds; Cuba, 131,402 pounds; Ecuador, 44,100 pounds; Venezuela, 24,550 pounds; Philippine Islands, 4,946 pounds; British India, 4,480 pounds.

Copper.—The market for electrolytic copper continued quiet. Prices were unchanged. World stocks of refined copper during March decreased 19,700 tons, the total at the end of March being 308,400 tons, against 328,100 tons at the close of February. Foreign stocks of refined copper decreased 5,148 tons during March, the total being 186,900 tons, against 192,048 tons at the close of February. Apparent consumption of copper abroad last month totaled 116,000 tons, against 106,229 tons during February, an increase of 9,771 tons. Foreign production of copper during March—including primary and scrap—amounted to 113,298 tons, against 113,520 tons in February, a decline of 222 tons. Mine output abroad during March amounted to 106,000 tons against 100,071 tons in February, an increase of 5,929 tons. Foreign custom smelter production amounted to 7,000 tons, compared with 13,864 tons in February, a decline of 6,864 tons. Refined production of copper in the foreign market last month amounted to 107,000 tons, against 101,678 tons in February, an increase of 5,322 tons.

Copperas.—A good inquiry was noted here during the week. A decidedly firm tone continued in evidence. Sellers reported that a good volume of business was on the books for forward shipment. Steel mill operations continued to hover around 91 percent of capacity.

Fluorspar. — Continuance of a good demand was reported in this direction, sellers reporting prices were strictly nominal. The nominal price position could be traced to the limited amount on hand.

Manganese Ore.—Prices were strong here, strength in prices being attributed to the shortage in stocks from India, Russian, Brazil and South Africa.

Nickel Salt.—Business here was characterized as fair throughout the week. No change was disclosed in prices. The plating trade continued to withdraw good-sized quantities for nearby production requirements.

Potash Carbonate.—Demand continued good during the week. Prices were firm. February imports amounted to 157,975 pounds, valued at $8,280, of which Germany shipped 112,791 pounds; Netherlands, 43,952 pounds; China, 420 pounds, and Hong Kong, 812 pounds.

Potash, Caustic.—This market offered little improvement, from a demand standpoint, regular consumers were ordering out supplies for nearby requirements. Prices were firm. February imports amounted to 273,673 pounds, valued at $20,707, of which Germany shipped 251,140 pounds, and Sweden, 22,533 pounds.

Potash Chlorate.—Match manufacturers and other usual consumers were withdrawing shipments at a fair pace. No change was disclosed in quotations. February imports of chlorate and perchlorate amounted to 1,269,314 pounds, valued at $50,723, of which France shipped 93,072 pounds; Germany, 1,124,787 pounds; Sweden, 15,057 pounds, and Switzerland, 36,398 pounds.

Saltcake.—A good demand continued for this product during the week. No change was disclosed in quotations. The call came from the paper and tex-

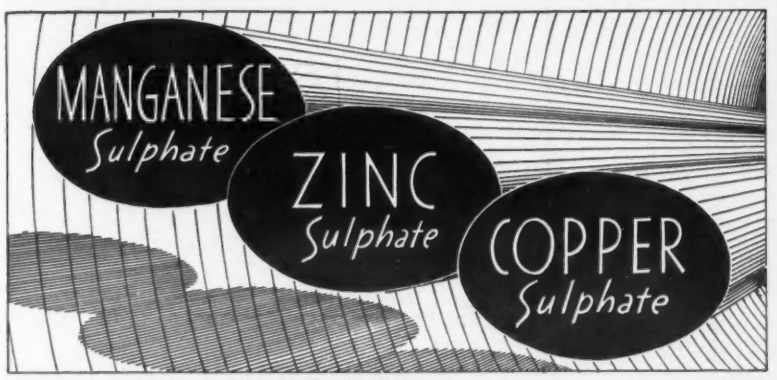
Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Ammonium Chloride
JUNGMANN & CO., Incorporated
BArclay 7-5129
157 Chambers Street New York

PIONEER
SUPPLIERS OF CHEMICALS FOR OVER 70 YEARS
LIQUID CAUSTIC SODA
TANK TRUCKS—DRUMS
Local delivery tank truck service throughout the Metropolitan New York area.
JOSEPH TURNER & CO.
58 EXCHANGE PL., PROVIDENCE R. I.
630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET AVE., CHICAGO

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA
CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

BARIUM HYDRATE
LAPORTE BRAND
High Grade Quality for Manufacturers of Glass, Accumulators, Paints, Colors and for Delustring Silk
STOCKS AVAILABLE FOR PROMPT DELIVERY FROM
HENRY SUNDHEIMER, INC.
Telephones: AShland 4-4517-4518
103 PARK AVE., NEW YORK, N. Y.



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IRVINGTON NEW JERSEY
NEW YORK OFFICE
30 CHURCH ST.

tile trades and other routine channels of consumption.

Soda Ash.—An active inquiry was reported for this product again last week. No change was disclosed in quotations.

Soda Bisulphite.—A fair demand was reported for this product throughout the week. Usual consumers supplied the call. Prices were without change.

Soda Cyanide.—Sellers reported prices continued in a firm position. The plating trade continued to order out substantial quantities.

Soda Metasilicate.—A broad demand continued in evidence for this product during the week. Sellers reported prices were steady to firm at previous levels.

Soda Stannate.—An easier tone was noted in this product, reflecting a slightly lower basic metal market. Demand continued good.

Soda Sulphide.—A good demand was reported throughout the week. A firm tone prevailed.

Tin Salts.—A fair buying movement was reported for tin crystals during the week. Quotations were unchanged for tin crystals.

Acids

Business in the market for mineral acids was featured by an advance in natural acetic acid. The market was also featured by a good call for sulphuric acid, shipments were moving against contracts at a consistent pace. No change was disclosed in the prices.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

MAGNESIUM FLUOSILICATE
CALCIUM FLUOSILICATE
ZINC FLUOSILICATE
FLUORINE PRODUCTS Division of Sterling Products Company Easton, Pa.

AGRICULTURAL INSECTICIDES
BARIUM FLUOSILICATE
CALCIUM FLUOSILICATE
SYNTHETIC CRYOLITE
PYRETHRUM PRODUCTS

●

AMERICAN FLUORIDE CORPORATION
NEW YORK PHILADELPHIA DALLAS LOS ANGELES

CAUSTIC SODA

Stauffer

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BORIC ACID · CARBON TETRACHLORIDE BORAX TITANIUM TETRACHLORIDE CAUSTIC SODA SULPHUR CHLORIDE SULPHUR SILICON TETRACHLORIDE CREAM OF TARTAR SULPHURIC ACID CARBON BISULPHIDE · TARTARIC ACID

STAUFFER CHEMICAL COMPANY

624 California St. San Francisco, Cal. • 2710 Graybar Bldg. New York, N. Y. • Freeport Texas
Carbide and Carbon Bldg. Chicago, Ill. Rives-Strong Bldg. Los Angeles, Cal.

Stauffer

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TRADE MARK REG. U. S. PAT. OFF.
PRODUCTS

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Soda Ash
Caustic Soda
Modified Sodas
Special Alkalies
Nitrite of Soda
Liquid Chlorine
Calcium Chloride
Caustic Potash
Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
Para-dichlorobenzene
Ortho-dichlorobenzene
Ammonium Bicarbonate
Potassium Carbonate
Liquid—Granular Hydrated—Dustless Calcined
47% 83-85% 98-100%

SOLVAY SALES CORPORATION
Alkalies and Chemical Products Manufactured by The Solvay Process Company
40 RECTOR STREET NEW YORK

Branch Sales Offices:
Boston, Charlotte, Chicago, Cincinnati, Cleveland, Detroit, Indianapolis, Kansas City, New Orleans, New York, Philadelphia, Pittsburgh, St. Louis, Syracuse

MECHLING'S
HEAVY CHEMICALS
AGRICULTURAL INSECTICIDES
Silicate of Soda
Hyposulphite of Soda
Sulphite of Soda
Bisulphite of Soda
Sal Soda
Spraying and Dusting Materials
Immediately available in any amount
We will gladly advise you on particular problems
MECHLING BROS. CHEMICAL COMPANY
PHILADELPHIA CAMDEN, N.J. BOSTON, MASS.

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QUALITY
VICTOR
OXALIC ACID
Guaranteed 99.8% pure or better
Free from corrosive sulphuric and hydrochloric acids. Three crystallizations: large, small and powdered. Uniform mechanical condition.
VICTOR CHEMICAL WORKS
141 W. JACKSON BLVD., CHICAGO ILL.

Muriatic and nitric acids were also firm. Formic acid moved against contracts at a steady pace, with a firm tone. Prices for chromic acid were unchanged, demand was termed good. There was little to report in the market for battery acid; prices were firm. Boric acid demand was good. Synthetic acetic acid was unchanged.

Acetic.—An advance in prices was reported here as a result of an increase in price for lime acetate. The new schedule lists 28 percent material 8c. per 100 pounds higher. Synthetic product was unchanged.

Battery.—A good demand was reported in this market again last week. Sellers were naming quotations in effect previously.

Boric.—This market revealed little change during the week. Prices were firm and buying held up well.

Chromic.—Shipments were moving out at a fair pace during the week, the plating trade and other routine consumers supplied the call. No change was disclosed in quotations.

Formic.—A fair buying movement was reported in this market during the week. Prices were well held.

Muriatic.—A slightly firmer price tone was reported in this direction, sellers reporting shipments were moving out at a fair pace. No change was disclosed in quotations.

Nitric.—A good inquiry was in evidence here again last week. Quotations were decidedly firm.

Sulphuric.—A broad demand was noted here. Quotations were firm. Statistics on production, based on data reported by 58 fertilizer manufacturers to the Bureau of Census, shows a February output of 178,979 tons; receipts, 60,243 tons; consumption by reporting manufacturers, 164,880 tons; shipments, 72,415 tons, and stocks on hand at the end of the month, 74,400 tons. This compares with a January output of 176,492 tons; consumption by reporting manufacturers, 164,320 tons; shipments, 75,908; receipts, 64,573 tons, and stocks at the end of the month, 72,473 tons.

Baltimore, Apr. 14.—The scarcity in sulphuric acid that has been reported for weeks and even months to exist continues to be a factor in the trade, and even the close approach of the time when an increase in productive capacity may be expected to make itself felt has not been permitted to obscure the existing situation. Users of acid are put to it to find supplies enough to take care of their requirements, and the very attractive figures offered in many instances have failed to produce the stocks needed. The nominal quotations stand at $12 per ton for 60 degree and at $14.50 per ton for 66 degree acid. But these quotations are in no close relation to the prices that could be actually obtained for free acid not taken up by contract under the pressure of the prevailing needs. Of course, most of the acid users are covered by arrangements that extend over the fixed periods, most of them for a year, and thus the scarcity is not permitted to become so strenuous as it would otherwise be. The figures on oleum hold around $17 per ton for 20 percent stocks.

Insecticides

Business in the market for agricultural insecticides and fungicides was good during the week just closed. Demand from agricultural areas was up to seasonal proportions. Nicotine sulphate noted a firm tone. An active inquiry was reported for the arsenicals. Government report stated that warm, sunny weather was needed in the corn belt. In the cotton belt the week was unfavorable. Cold, wet weather delayed planting sections, also preparation of soil in the latter districts rather generally from the Mississippi Valley eastward. Seeding was generally slow in Southern sections of the cotton belt.

Insect pests suffered from the long cold winter in the Midwest and the Northwest, according to the Department of Agriculture. Only 10 percent of the codling moth worms that went into hibernation survived the 28 below zero temperatures in southern Idaho. The San Jose scale carry-over was comparatively light in the Midwest and the Pacific Northwest. Where the weather was warmer than normal, however, insects suffered little. The codling moth came through the winter in large numbers in Georgia and Missouri, as did the San Jose scale in Virginia and Georgia. Although the plum curculio began to emerge earlier than usual in parts of Georgia, the main emergence from hibernation is decidedly behind the blooming of peach trees. It is too early to forecast when the main brood will come out and whether Georgia peaches will escape a second brood curculio attack this year. The green citrus aphid is numerous in the citrus belt of southern and central Florida. Winter seems to have dealt kindly with the two worst grain pests—grasshoppers and chinch bugs. Grasshopper egg losses were insignificant in Missouri, Oklahoma and Colorado. Practically every county in Missouri has large numbers of hatchable eggs. Grasshopper eggs began to hatch in the Imperial Valley the third week in March. Practically no Winter mortality to hibernating chinch bugs in Missouri is reported.

Mormon crickets—another important cereal and forage crop pest, low in one of its periodic outbreaks—have begun hatching in Montana, Colorado, and Utah. Wireworms in destructive numbers are reported in parts of Louisiana, Colorado, and California. The unusual outbreak of the green bug in parts of the Southeast in March is rapily ending. There is a similar outbreak, however, in north-central Oklahoma. The tomato pinworm lived through the winter in out-of-door cages near Kennett Square, Pa., a good index of what it did under natural conditions in that part of the country—and appeared earlier than usual in Manatee County, Fla. It has been seen also in Dade County, Fla. Several new infestations of the sweetpotato weevil have been found in Mississippi. Reports from the Big Bend of Texas indicate that the pink boll worm—a serious cotton pest—came through the winter with few losses.

Calcium Arsenate.—A good call was reported in this market. Prices were decidedly firm.

Lead Arsenate.—A substantial buying movement was reported in this direction. A firm tone was in prominence.

Nicotine Sulphate.—Demand was fair. Quotations were without change.

N.Y. Paint Association Nominations Are Made

The nominating committee of the New York Paint, Varnish and Lacquer Association, of which James S. Wolf is chairman, has submitted the following slate for the election for officers to be held in the annual meeting May 13:—

President, Stanley C. Dunning, of the Muralo Company.

Vice-president, Harry R. Hillman, of the Eagle Paint & Varnish Works.

Secretary, Harold A. Wakefield, of the Imperial Paper & Color Corporation.

Treasurer, Hendrick E. Hendrickson, of S. Winterbourne & Co.

Members of executive committee, Thomas F. Brennan, of the American Can Company; Thurlow J. Campbell, of Valentine & Co.; Charles W. Griffin, of Colonial Works; A. E. Horn, of the A. C. Horn Company; Leo Silverstein, of Benjamin Moore & Co.; J. P. Surtoc, of E. I. duPont de Nemours & Co.

To represent the local association at this year's meeting of the National Paint, Varnish and Lacquer Association the nominating committee presents the following selections:—

Delegates, D. C. Anderson, W. S. Auchincloss, E. S. Blackledge, T. J. Campbell, J. B. Eakins, C. F. Garesche, Louis Gillespie, D. J. Healy, H. E. Hendrickson, H. M. Johnson, D. H. Litter, W. E. Maston, G. C. O'Brien, H. E. Outcault, Leo Silverstein, S. B. Totten, H. A. Wakefield.

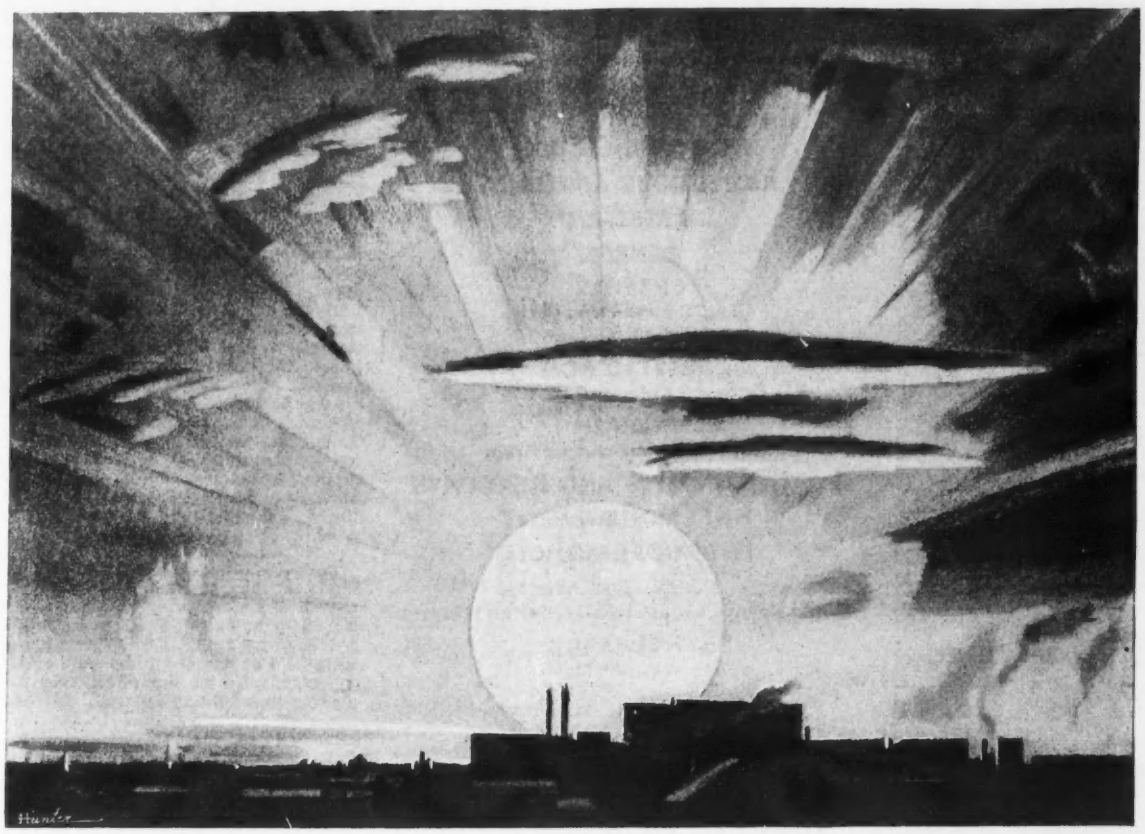
Alternates, Moritz Arnstein, M. F. Austin, J. H. Coffey, E. J. Cole, Robert Cowen, A. R. DeVos, M. L. Havey, W. C. Hopkins, A. E. Jacobs, J. A. Lundy, J. McE. Sanderson, T. J. Starkie, G. H. Tomlinson, C. F. Walden, Henry Weber, G. A. Wharry, W. W. Wright.

Millikan, Debye to Get Franklin Annual Medal

The Franklin Institute, Philadelphia, reports that the annual Franklin Medal will be awarded to Dr. Robert Andrews Millikan, of the California Institute of Technology, and Dr. Peter Joseph Wilhelm Debye, director of the Kaiser Wilhelm Institute of Physics, Berlin.

Dr. Millikan was selected for his "isolation and measurement of the fundamental unit of electricity, the electron," and for other research. Among Dr. Debye's contributions was cited his development of a theory on molecules. The award was established in 1914 by Samuel Insull for those "who have done most to advance a knowledge of physical science or its applications." The awards will be made May 19.

Perc S. Brown, vice-president and general manager of the agricultural division of the National Oil Products Company, Harrison, N. J., has just returned from a tour to St. Louis, Mo., and vicinity to study the dealer set-up and marketing outlets for his products.



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ANHYDROUS AMMONIA
BARRETAN*
BENZOL
CRESOLS
U. S. P., Meta Para, Ortho
Special Fractions
CRESYLIC ACID
Straw Color and Dark
CUMAR*
Paracoumarone-indene Resin
FLOTATION OILS AND REAGENTS
HI-FLASH SOLVENT
HYDROCARBON OIL
NAPHTHALENE
Crude, Refined Chipped, Flake, Ball and Nugget
PHENOL (Natural)
U. S. P., 40° M. Pt.
Technical 39° M. Pt.
Technical 82-84% and 90-92%
PICKLING INHIBITORS
PICOLINES
PYRIDINE
Refined, Denaturing and Commercial
QUINOLINE
RUBBER SOFTENERS
SHINGLE STAIN OIL
SOLVENT NAPHTHA
SPECIAL HEAVY OIL
TAR ACID OILS
TOLUOL
XYLENOLS
XYLOL

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40 Rector Street, New York, N. Y.

Barrett Specification Roofs . . . Barrett Shingles and Roll Roofings . . . Protective Coal-tar Paints and Dampproofing Materials . . . Tarvia and Tarvia-lithic, for road construction . . . Creosote Oil . . . Pipe Line Coatings . . . domestic Sulphate of Ammonia and Arcadian, the American Nitrate of Soda.

Coaltar Chemicals

Cresylic Acid Shortage Unrelieved—Benzol Continues Steady —Crude Naphthalene Quiet—Toluol and Xylol Firm —Creosote Oil Active—Fair Call for Anilin Oil

Business in the market for coaltar chemicals continued fairly active during the week just closed. Despite the procedure of purchasing for immediate production requirements, sellers reported the call was sufficient to give the general market a firm price appearance. Cresylic acid prices were nominal. Crude naphthalene was quiet. Intermediates and colors noted an irregular call.

Sellers of cresylic acid reported the call continued in excess of supplies, giving the market a nominal price position. The call came from the synthetic resin industry and other routine consumers. Phenol demand was active, with a good interest shown by export accounts. Crude naphthalene continued quiet. The relative quiet of crude naphthalene for this time of the year could be attributed to the broad recovery by domestic sources this year, with the result that buyers were placing orders when needs were actually necessary. Refiners of naphthalene reported business was good, the warmer weather stimulating demand. Creosote oil was steady to firm. There was little to report in benzol, prices were steady. Toluol and solvent naphtha, as well as xylol, continued in a firm position. Anilin oil was firm. Phthalic anhydride moved out in good volume.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.7	126.7	126.4	126.1

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—There was a good call for industrial benzol during the week just closed. Manufacturing consumers continued to order out supplies in volume sufficient for actual production requirements. Reports from the rubber tire industry were to the effect that production was holding up well. Iron Age reported that new steel business declined during the past week, but production shows no let-down from an estimated 91 percent of capacity. February benzol exports amounted to 700,972 gallons, of which 663,959 gallons were shipped to France. Consumption of crude rubber by manufacturers in the United States for March was estimated at 52,938 long tons, which compared with 50,982 long tons for February. March consumption shows an increase of 5.3 percent over February and is 24 percent above March a year ago, according to The Rubber Manufacturers Association. Consumption for March, 1936, was 42,703 long tons.

Creosote Oil.—Business was fairly active throughout the period under review, sellers reported prices continued firm at the levels in effect previously. Major railroad companies and other routine consumers furnished the inquiry.

Cresylic Acid.—A decidedly firm tone prevailed in this market again last week, quotations being strictly nominal. The nominal price position could be attributed to the scarcity of material. The synthetic resin industry and other usual consumers continued to withdraw full contract allotments.

Naphthalene.—Business in the market for crude naphthalene continued quiet, especially in the imported product. Refiners were covered to a great extent, and the broader recovery of naphthalene by domestic sources has tended to slow the buying of imported material. Sellers of refined naphthalene reported that the warmer weather has stimulated interest in flake and ball naphthalene, prices were said to be decidedly firm.

Phenol.—A good volume of business was reported in this direction again last week, the call from the synthetic resin industry and other usual sources was said to be exceptionally heavy at times. Export demand was active. Prices were unchanged.

Solvent Naphtha.—Business in the market for industrial water white solvent naphtha continued firm during the week. Prices were unchanged. The call for high flash naphtha was good. No change was uncovered in quotations.

Toluol.—The market revealed little change during the week, demand for toluol indicated consumers were purchasing for nearby requirements. Prices continued firm. A substantial volume of business was said to be on the books for forward delivery. Production in the automobile industry continued below seasonal proportions.

Xylol.—This market revealed little variation from recent weeks, sellers reporting demand was good and prices were well maintained.

Chicago Coaltar Bases

CHICAGO, Apr. 15.—Demand for most grades of coaltar bases keeps coming through in good volume and in fair-sized individual lots. The buying trade is taking material steadily for use in various consuming lines. Toluol for use in the automotive industry is moving out well. Benzol is reported still a little irregular, but in most cases this and other products are holding their own in price. Ruling prices, exclusive of tax, are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13c. to 13½c.

Coaltar Acids

Anthranilic.—Demand was good during the week just closed. Sellers termed the price tone as firm.

Benzoic. — Although the call was highly irregular throughout the week, sellers reported the presence of a steady to firm tone.

Cleve's.—This market presented little change during the course of the week, with routine consumers covering for immediate needs and quotations were firm.

Gamma. — Despite the irregularity in the call, sellers were holding firmly to previously established quotations.

Salicylic. — A firm tone continued in evidence in this market during the period under survey, shipments were moving for the account of the textile industry and other routine consumers at a good pace.

Tobias. — A firm tone governed the dealings in this direction. No change was uncovered in quotations. Consumers were covering for nearby production requirements.

Other Intermediates

Alphanaphthol.—A favorable inquiry was reported for this product at times during the week. No change was disclosed in quotations.

Anilin Oil. — Shipments were moving forward at a consistent pace during the week. A steady to firm tone was in evidence.

Betanaphthol. — A firm tone governed the dealings in this market. Routine consumers were withdrawing full contract allotments. Prices were without change.

Dinitrobenzene. — Although the call was highly irregular during the period under review, sellers reported quotations were well maintained.

Dinitrotoluene. — Shipments were moving out in conservative volume during the week. A firm tone ruled the dealings.

Nitrobenzene. — Important developments were lacking in this market again last week, shipments were moving against contracts at a fair pace. No change was disclosed in quotations.

Orthochloranilin. — Quiet prevailed in this market again last week, routine consumers supplied the interest, and prices were well held.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Phthalic Anhydride. — No slackening was shown in the call for this material during the course of the period under review, the heavy buying movement giving the market a decidedly firm price appearance.

Schaeffer's Salt. — This market was quiet again last week. Prices were without change.

Xylidin. — Interest here was concerned with conservative quantities, and prices were without change.

Coaltar Colors

The market for coaltar colors continued highly irregular during the week just closed. This irregularity in the buying could be attributed to the mixed trend of operations in the consuming industries. Reports from Paterson stated that textile operations in that section were being held at conservative levels, while high production schedules continued in the cotton cloth industry and textile units located in the New England district. The Fall silk colors, just issued by the Textile Color Card Association, featured brown, blue tinged with purple, red and gold. The rust range is again expected to have strong endorsement.

Oil Tanks to Be Made Flood-Safe

Plans for making large and small oil storage tanks and tanks of other inflammable liquids safe in flood emergencies were worked out on a tentative basis, at a meeting in Cincinnati of representatives of the National Board of Fire Underwriters, the International Association of Fire Chiefs, and oil industry technicians. The general idea was that large storage tanks should be protected by construction safeguards, water supplies and pumping facilities; small tanks that may break loose should have special reinforced outlet-valve devices, and municipal fire departments should determine when steps to lessen fire hazards should be taken as a river approaches its "dangerous stage."

Alabama Naval Stores Company, which is building a $150,000 wood-distillation plant in Mobile, has been granted a ten-year exemption from taxes by the State.

Informative Booklets

Ask the Oil, Paint and Drug Reporter, 12 Gold Street, New York, for any of the following booklets you may want; simply send the numbers on a postcard. Copies will be sent to you without charge.

Chemicals:—"Convert Your Surplus Stock into Dollars," is the head-line of a new folder issued by the Barclay Chemical Company, announcing what the company can buy today, in any quantity or quality, of excess stock, sub-standard batches, by-products, discontinued lines, complete plants, and old stock. **(504)**

Cholesterol:—Colloid Chemical Laboratories has issued an eighteen-page technical bulletin which discusses cholesterol in various details. After giving general information on the product, the booklet takes up its chemical composition, physical and chemical properties, color reactions, identification by precipitation, derivatives, cholesterol in cosmetics, cholesterol hair washes, and lists literature regarding the constitution of cholesterols. **(505)**

Drums:—"Drums Above the Law," is the title of a new catalogue issued by the Petroleum Iron Works Company. It gives an illustrated listing of various types of drums manufactured by the company, and points out that the rulings of the Interstate Commerce Commission and the Consolidated Freight Classification Committee for the construction of steel drums mean little to P.I.W. because its drums are manufactured always to exceed the specified requirements. **(506)**

Equipment:—"The Road to Lower Grinding Costs" is the title of a booklet issued by the A. E. Jacobson Machine Works, which describes and illustrates a wide variety of mill machinery manufactured by the company. **(507)**

Fertilizers:—E. I. du Pont de Nemours & Co. has issued three bulletins on urea fertilizers for specified uses. Fertilizer bulletin No. 1 discusses leaching experiments with urea and other nitrogenous fertilizers; No. 2 discusses urea in North Carolina tobacco fertilizers, and No. 3 urea, a proved fertilizer material **(508)**

Insecticides:—"New Insecticide Specifications and the Peet-Grady Test" is a folder recently issued by the Sherwood Petroleum Company. The six insecticide specifications adopted by the National Association of Insecticide and Disinfectant Manufacturers are presented and the Peet-Grady Test is discussed and how its test is performed is explained. **(509)**

Instruments:—"Brown Thermometers and Pressure Gauges," published by the Brown Instrument Company, covers the complete line of the company's thermometers and pressure gauges—indicating, recording, and controlling—and enumerates the wide range of industries to which they are applicable. **(510)**

Instruments:—"Laboratory Thermometers and Hydrometers," published by the C. J. Tagliabue Manufacturing Company, is a new catalogue which includes, in addition to the regular line of extreme precision and standard grade Tag thermometers and hydrometers, complete listings of the widely used A.S.T.M. thermometers with illustrations; also the Tag-A.P.I. and Tag certified hydrometers. **(511)**

Packaging:—"H & D Corrugated Shipping Boxes for Paint, Varnish, Enamel and Lacquer," is the title of a profusely illustrated booklet issued by the Hinde & Dauch Paper Company. It will be of interest to purchasing agents who include the purchase of corrugated boxes on their lists, and also those executives who concern themselves with the various phases of modern marketing. **(512)**

Plasticizer:—"Nevillite Oil," issued by the Neville Company, is a folder which offers to the trade a new odorless water-white plasticizer for varying industrial purposes. It is described as a high solvent strength, non-volatile solvent and plasticizer for chlorinated rubber coatings, pyroxylin lacquers, plastic compounds, fly-paper, adhesives, printing inks, dyes, caulking compounds, water-proofing compositions, rubber resin finishes, aluminum pastes, and wherever an unsaponifiable, neutral, substantially non-drying oil is required. **(513)**

Shipping:—Acme Steel Company has issued a new booklet in which the physical laws of mass and friction are applied in the solution of modern shipping problems. It pertains to the subject of bracing carload freight, whether comprised of uniform or mixed ladings. The methods and practical value of creating units of great mass and weight for the reduction of damage are thoroughly described and illustrated. The booklet points out that the unit-load principle not only prevents damage, reduces cost and bracing and lowers freight bills, but also assures customer goodwill. **(514)**

Phosphate rock mining has been authorized under license by a new law in South Carolina.

J&L LIGHT OIL DISTILLATES

COMMERCIALLY PURE BENZOL
90% BENZOL • CXP BENZOL
XYLOLS (SOLVENT NAPHTHA)
REAGENT BENZOL • PURE TOLUOL
SULPHATE OF AMMONIA

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- ☐ Cresol, Resin Grades
- ☐ Cresol, Plasticizer Grades
- ☐ 3° Meta Para Cresol
- ☐ Cresylic Acid, Disinfectant Grades; 98% pale; low-boiling
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- ☐ Pitch Coke
- ☐ Industrial Coal Tar Pitches
- ☐ Flotation Oils
- ☐ Creosote

CONSTRUCTION MATERIALS AND EQUIPMENT

- ☐ Tanks and Tank Work
- ☐ Benzol Recovery Plants
- ☐ Naphthalene Removal Apparatus
- ☐ Phenol Removal Apparatus
- ☐ By-product Gas Plants
- ☐ By-product Recovery Apparatus
- ☐ Sulphur Recovery Apparatus
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- ☐ Waterproofing and Dampproofing Materials
- ☐ Tarmac Road Tars
- ☐ Bituminous-base Paints
- ☐ Fast's self-aligning Couplings
- ☐ Treated Lumber, Poles, Piling, etc.
- ☐ Piston Rings
- ☐ Gas, Air and Water Valves
- ☐ Fire Hydrants
- ☐ Special Machinery

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Continental Carbon Co. Sees Market Growing

Belief that, in spite of large increases in the past three years, the supply of carbon black was not keeping up with the growing demand, was the motivating influence in the formation of the Continental Carbon Company, this city. This belief appears to have been well founded, because reserve stocks of carbon black are reported to be the lowest of record.

Construction of the company's new plant in the Texas Panhandle natural gas field followed close upon the completion of the corporate organization. This plant, located at Sunray, Texas, is one of the largest in the world, and its equipment is of the latest. With a practically unlimited supply of gas from the properties of the Continental Gas Company and the Shamrock Oil & Gas Company, both in Moore county, it is estimated that the carbon company will be producing 3,000,000 pounds of black daily by the end of May.

A complete village of homes for workmen has been erected on the plant site. The plant itself covers 160 acres, and is composed of 372 separate buildings, the total length of which, if placed end to end, would be over 6 miles. In its feeding lines, 582,133 feet, or more than 100 miles, of pipe were used, together with 111,655 pieces of pipe-fittings, 940,293 bolts, 6,036 electrical fittings, 3,003 tools and tool units.

In the construction of the fabricated hothouses, 275 carloads, or 5,477 tons, of steel were required. About 1,000 tons of flat steel sheets were used for other purposes. The power installation comprises 138 motors. Nearly a million feet of wire was bought merely for putting on tin.

Some of the other materials required were lumber, 56,527 feet; concrete, 3,000 cubic yards; steel strips, 52,000 feet; shafting, 9,941 feet; sheets, 1,692,500 square feet; air wheels, 17,750; helicord conveyor, 55,462 feet; conveyor parts, 10,356 pieces; lava tips, 1,116,000 pieces.

With a plant built on modern lines and equipped with the most up-to-date machinery available, its production methods and research laboratories under the supervision of an experienced staff, the Continental Carbon Company believes that it enters the field at an opportune time, ideally prepared to meet the growing demands of wide industrial use of carbon black, especially in the making of automobile tires.

The officials of the company had about forty representatives of the technical press as their guests April 9 at a house-warming at its offices, 295 Madison avenue, this city.

Continental Carbon Hires Welch

Continental Carbon Company reports the appointment of Don. M. Welch of Akron, Ohio, as rubber chemist in the laboratories of its plant at Sunray, Texas. Mr. Welch is a graduate of chemistry at Ashland College, Ohio, and was for four years assistant to the chief chemist of the Mansfield Rubber Tire Company, Mansfield, Ohio, where he engaged in material and product testing and in tire compounding.

Sherwood Petroleum Company, Brooklyn, N. Y., has issued a pamphlet on the "New Insecticide Specifications and the Peet-Grady Test," in which it presents the six insecticide specifications adopted by the National Association of Insecticide and Disinfectant Manufacturers, discusses the Peet-Grady Test and explains how the test is performed.

Margarin Manufacturing Operations in February

According to figures reported to the Bureau of Internal Revenue, Washington, the margarin manufacturers' production in February, 1937, compared with February, 1936, as follows:—

	Pounds—February, 1937.	Pounds—February, 1936.
Production of uncolored margarin	[1]*30,458,842	[2]38,528,731
Production of colored margarin	179,224	306,510
Total production	30,638,066	38,835,241
Percent decrease	21.1	
Uncolored margarin withdrawn, tax paid	†30,745,788	37,974,385
Colored margarin withdrawn, tax paid	56,803	58,710

Ingredients used in the production of colored and uncolored margarin in February, 1937, compare with February, 1936, as follows:—

In Uncolored Margarin

	Pounds—February, 1937.	Pounds—February, 1936.
Babassu oil	257,445	974,689
Coconut oil	6,567,192	16,960,525
Corn oil	172,560	5,064
Cottonseed oil	12,856,759	10,665,426
Derivative of glycerin	97,522	106,581
Lecithin	2,159	1,809
Milk	5,344,836	7,474,878
Neutral lard	170,660	284,257
Oleo oil	1,343,211	1,486,203
Oleo stearin	221,162	246,573
Oleo stock	129,909	171,016
Palm oil	146,040	101,271
Palmkernel oil	82,850	27,171
Peanut oil	246,253	559,343
Salt	1,266,524	1,973,960
Sesame oil	.....	6,318
Soda benzoate	11,640	16,749
Soybean oil	2,716,209	347,861
Totals	‡31,632,931	41,409,494

In Colored Margarin

Babassu oil	.....	1,200
Coconut oil	19,913	147,204
Color	190	300
Corn oil	2,673	.....
Cottonseed oil	54,361	34,444
Derivative of glycerin	201	338
Lecithin	2	.....
Milk	40,065	80,287
Neutral lard	2,590	7,621
Oleo oil	20,131	53,903
Oleo stearin	3,590	.....
Oleo stock	1,124	3,408
Palm oil	44,840	5,150
Peanut oil	367	578
Salt	16,082	23,716
Soda benzoate	39	109
Soybean oil	4,409	.....
Sunflower seed oil	.....	3,605
Totals	210,579	361,863

[1] Of the amount produced 24,131 pounds were reworked.
[2] Of the amount produced 10,971 pounds were reworked.
* Includes 1,403,852 pounds omitted from the January, 1937, schedule.
† Includes 1,735,652 pounds omitted from the January, 1937, schedule.
‡ Includes 1,424,791 pounds omitted from the January, 1937, schedule.

Naval Oil Reserve Bill Passes Senate

WASHINGTON, Apr. 15, 1937.

The senate, today, passed the bill authorizing the Secretary of the Navy to make contracts for the sale, transfer, or lease of naval reserve oil lands.

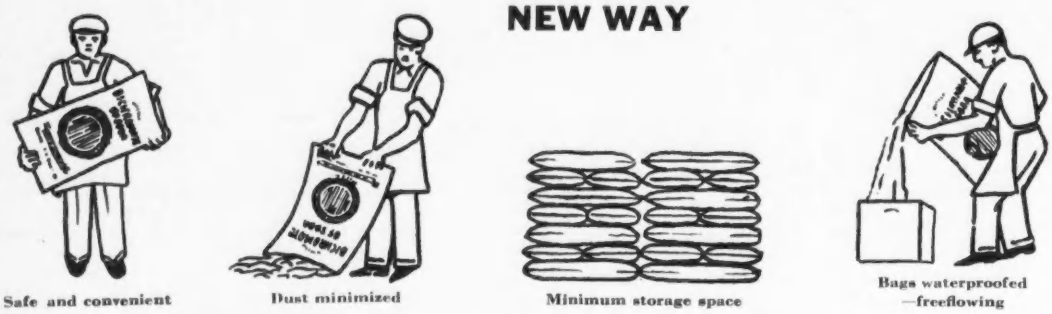
Reported with several amendments by the naval affairs committee April 9, the bill (S. 1131) was passed without further amendment. The principal amendment recommended by the committee and adopted by the senate modified the existing power of the Secretary of the Navy to make contracts for the sale of oil and gas products, other than royalty oil or gas, produced from naval reserve fields. As a check on the secretary, the committee made approval by the President a necessary step before such contracts become effective.

All action taken by the Navy Department to acquire lands or leases in the Elk Hills, California, naval oil reserve must be reported to Congress, under the terms of the bill. This area is considered the most valuable of all the present reserves, witnesses appearing before the committee having estimated that there is about 500,000,000 barrels of oil in the reserve.

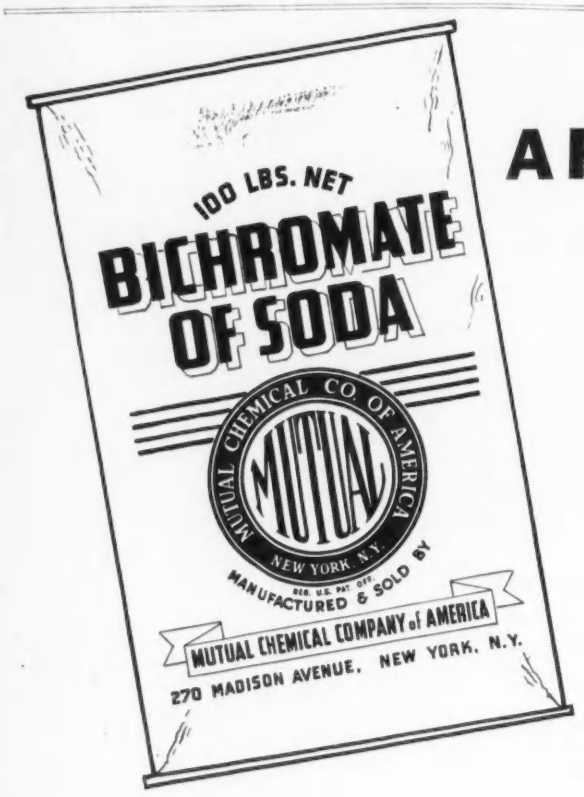
Contracts made in connection with the sale, exchange, lease, or acquisition of new lands in the naval oil reserves must be made exclusively for the protection and conservation of the reserve, or for carrying out other purposes of the bill. No leases of lands, nor any benefits from the lands shall extend to foreigners whose governments do not grant reciprocal privileges to United States citizens.

Chas. H. Windschuegl, chemicals, oils, waxes, and drugs, London, Eng., reports that, effective April 1, he has converted his business into a private limited liability company. The business will be carried on as Chas. H. Windschugl, Ltd., and there will be no change in the personnel. A. E. Johnson, who has been associated with the company as manager for many years, will become a director.

NEW WAY



Safe and convenient — Dust minimized — Minimum storage space — Bags waterproofed —freeflowing



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Both our technical staff and consumers have placed their stamp of approval on this modern way of packing Bichromate of Soda. Our engineers, after lengthy experimentation and shipping millions of pounds, enthusiastically OK'd this new paper bag.

The reasons are apparent:

1. Economy both in initial cost and freight charges.
2. Saves storage space.
3. Waterproof lining prevents caking.
4. Easier and cleaner to handle.

PACKAGE SPECIFICATIONS

Net weight 100 lbs. • Five-ply paper construction • One-ply asphalt laminated waterproof liner • Both ends sewn alike, taped with latex adhesive—sealed • No wire ties.

Ask your dealer or order direct from Mutual Chemical Company of America, 270 Madison Avenue, New York City.

Injury hazard and cumbersome — Dusty — Excess storage space — Caking induced by dampness

OLD WAY

MUTUAL CHEMICAL COMPANY

Mutual Chemical Company of America · · · 270 Madison Avenue · · · New York City

Dyestuffs and Textile And Leather Chemicals

Sharp Advance in Myrobalans—Valonia Beards and Cups Strong —Wattle Bark Active—Good Demand for Bichromates—Corn Derivatives Firm — Egg Products Unchanged

Business in the market for dyestuffs and tanstuffs continued highly irregular during the week just closed. Indications were that consumers were purchasing supplies for actual production requirements only. Changes in the market included a slight advance in quotations for myrobalans. Advance in prices for the various sorts of myrobalans was caused by higher freight rates as well as the fluctuations in the monetary exchange rates. Wattle bark demand was good. Business in the other tanning materials was good at times during the week. Sellers of quebracho reported a substantial volume of business written for forward delivery. Corn derivatives continued in a firm position. There was an active demand for egg products, prices for egg yolk and egg albumen in the local market were without change. Bichromates ruled firm. Demand for bichromates continued good. Zinc dust held steady. Steadiness in the price could be attributed to the continuance of a similar tone in the basic metal. Natural indigo was quiet. Annatto and cochineal moved through a dull week. Fustic continued steady. Quercitron was quiet.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Myrobalans, $2 per ton.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
154.1	154.1	152.8	152.3

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—A fair demand was reported for this product during the week just ended. Prices continued firm.

Antimony Salt.—Quiet prevailed in this market during the week. Sellers reported quotations were steady to firm.

Potash Bichromate.—A firm tone was recorded in this market again last week. Manufacturing consumers continued to order out supplies at a fair pace.

Potash Prussiate.—The market for yellow prussiate noted an irregular demand throughout the week. No change was disclosed in quotations. The market for red prussiate revealed little change, demand was good and prices were steady.

Soda Bichromate.—Demand was good during the week. Prices continued firm. Usual consumers supplied the call.

Zinc Dust.—A steady tone was noted in this market again last week. Prices ruled unchanged, for the basic metal was at the price level of the preceding period.

Dyestuffs

Annatto.—Business was highly irregular throughout the week. No change was noted in prices for paste and seed annatto.

Archil.—A firm tone prevailed in this market again last week. Usual consumers supplied the call, but it was evident that shipments were for nearby requirements only.

Cochineal.—Although the market was a rather drab affair again last week, the call for Teneriffe silver and gray products consisted of jobbing quantities. Prices ruled firm at previous levels.

Fustic.—A steady to firm tone was reported in this market. Consumers continued to adhere to the policy of purchasing for immediate production wants only.

Indigo.—A fairly active demand was reported for synthetic indigo; prices were well maintained. The call for natural indigo was spotty. Prices ruled unchanged.

Logwood.—A good demand was reported in this market, with some consuming quarters operating at high seasonal levels. Prices were unchanged.

Madder, Dutch.—The limited amount of material on hand gave this market a firm tone. Demand was spotty.

Quercitron.—A steady tone was noted in this market during the week. Demand was fair.

Sizing Materials

Albumen. — Business in edible egg market continued fairly good during the period under survey. Prices were unchanged. Sellers reported considerable progress in writing contracts for forward shipment. The market for blood albumen noted a fair demand. Quotations were without change.

Dextrin.—Prices for corn derivatives remained firm during the week; demand was active. The market otherwise was a rather quiet affair.

Egg Yolk.—There was a fairly active buying movement reported in this direction again last week. Quotations were without change. A fairly good volume of business was on the books for forward delivery.

Frozen Eggs.—The market on the New York Produce Exchange was dull. April whole mixed futures closed on Friday at 19.50c.; May, 19.75c.; June, 20.00c.

Starch.—A firm tone prevailed in this market again last week. Sellers reported demand was heavy.

The 1936-37 corn crop in Argentina, according to the first official estimate made on April 8, will amount to 371,633,000 bushels, the Bureau of Agricultural Economics was informed in a cable from its Buenos Aires office. This represents a reduction of about 7 percent from the 397,615,000 bushels harvested last season. The area actually harvested this year is estimated at 11,935,000 acres, compared with 12,689,000 acres in 1935-36. On that basis yields this year averaged 31.1 bushels per harvested acre, compared with 31.3 bushels the year before. Since the area planted to corn this year amounted to 16,047,000 acres, abandonment was only 26 percent, compared with 33 percent last season, when 18,854,000 acres were planted.

Tanning Materials

Divi-Divi.—Demand was dull again last week. Prices continued nominal.

Gambier.—Business in common gambier continued irregular; prices were nominal because of the limited amount of material on hand. The market for Singapore cubes noted a good demand; a decidedly strong tone was noted. The call for plantation gambier was fairly active; a firm tone was in evidence.

Mangrove Bark.—A highly irregular demand was reported for this product again last week. No change was disclosed in quotations.

Myrobalans.—A slight advance was noted in prices for J1 material, and sellers were naming $27.50 per ton, with J2 material priced at $20.50 per ton.

Quebracho.—An active buying movement was reported in this direction. A firm tone prevailed in the dealings.

Valonia.—A strong tone continued in evidence in this market during the week. Sellers reported that prices for beards was unchanged. There was little to report in the market for cups.

Wattle Bark.—A steady tone was reported in this market; sellers were quoting $33.50 to $34.50 per ton, depending upon point of shipment.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Tanners Council Will Hold Meeting May 3-4

The Tanners' Council of America will hold its Spring meeting May 3 and 4 in the Greenbrier Hotel, White Sulphur Springs, W. Va. Business sessions, for members only, will be held in the forenoons. The afternoons will be given over to recreation, and the annual golf dinner will be held at 7 p. m. May 4. The recreation events and the dinner will be open to nonmembers.

The scheduled business program is as follows:—

Monday, May 3

10 a.m.—Welcome, Carl F. Danner, chairman of the board.
"Problems in Prospect," Merrill A. Watson, executive vice-president.
"Consumption and Prices," Irving Glass, economist.
"Comparisons," Edward L. Drew, statistician.
"Are You Using Research?" Dr. Fred O'Flaherty, director, Tanners' Research Laboratory.
"Legislation Affecting Industry," E. A. Brand, general attorney.
7 p.m.—Board of directors' meeting.

Tuesday, May 4

10 a.m.—"Where Are Commodity Prices Headed," by a nationally known economist.
10:30 a.m.—Group meetings:—Sole and belting; Everett W. Pervere, chairman. Side upper, Eastern and Western combined; Willis E. Thorpe, chairman, Eastern; Marcus C. Weimar, chairman, Western Calf; Victor G. Lumbard, chairman; Frank H. Fiedler, secretary-treasurer; goat and cabretta; F. Sturgis Stout, chairman sheep and glove; Michael F. Flynn, chairman bag and strap; David L. Stern, chairman upholstery; Alvin J. Swedenborg, chairman harness; Fredrick Carlisle, chairman fancy; George B. Bernheim, chairman.

N.Y. Textile Chemists To Hear About Resins

The application of synthetic resins as textile finishes will be told to the New York Section of the American Association of Textile Chemists and Colorists by Dr. D. H. Powers, of the Rohm & Haas Company, Philadelphia, at the meeting of the section April 23. Open discussion of the subject will follow.

Robert Zamekin, of the Pilgrim Piece Dye Works, will also speak at the meeting. His subject will be "Some Aspects of the Souring of Rayon."

The meeting will be held in the Swiss Chalet, Rochelle Park, N. Y., beginning at 8 p. m. It will be preceded by the usual informal dinner at 6:30 p. m., the cost of which will be $1.50. A registration fee of 25c. will be collected at the meeting.

Buses can be taken at the Washington bridge plaza, this city, which run past the Swiss Chalet in Rochelle Park.

Match production in Sweden increased from 18,623 tons in 1934 to 20,618 tons in 1935. Exports, however, dropped from 16,759 tons to 15,891 tons.

Chemical Miscellaneous Output Up 16 Percent

(Continued from page 5)

	1935.	1933.
Hydroxides—		
Total value	$30,247,646	$26,006,527
Potash (caustic)—		
Number of establishments	4	4
Tons (2000 pounds)[3]	9,518	9,348
Value	$1,260,031	$868,000
Soda (caustic)—		
Number of establishments	29	27
Total production, tons (2000 lbs.)[6]	758,543	686,983
Made and consumed in same establishment, tons	39,087	42,252
Made for sale—		
Total tons	719,456	644,731
Total value	$28,104,631	$24,478,385
By process—		
Electrolytic—		
Number of establishments	21	21
Total production, tons	321,563	247,620
Made and consumed in same establishments, tons	34,797	39,114
Made for sale—		
Tons	286,766	208,506
Value	$11,233,704	$8,683,911
Lime-soda—		
Number of establishments	11	9
Total production, tons[7]	436,980	439,363
Made and consumed in same establishments, tons	4,290	3,138
Made for sale—		
Tons	432,690	436,225
Value	$16,870,927	$15,794,474
Other hydroxides, value	$882,984	$690,142
Iodides—		
Total value	$745,324	$1,309,237
Potash—		
Number of establishments	7	8
Pounds	433,489	479,079
Value	$572,161	$1,108,316
Soda—		
Number of establishments	5	5
Pounds	38,024	36,775
Value	$82,038	$116,401
Thymol—		
Number of establishments	3	
Pounds	6,615	$84,520
Value	$21,935	
Other iodides, value	$69,190	
Nitrates—		
Total value[8]	$3,296,829	$2,603,939
Bismuth sub—		
Number of establishments	6	6
Pounds	269,193	387,743
Value	$360,303	$454,575
Silver (lunar caustic)—		
Number of establishments	6	6
Ounces	5,144,507	4,145,648
Value	$1,887,693	$1,071,810
Ammonia—		
Number of establishments	9	10
Pounds	25,297,894	18,693,952
Value	$673,704	$574,056
Zinc—		
Number of establishments	3	
Pounds	12,502	$503,498
Value	$2,594	
Other nitrates, except soda, value	$372,535	
Total value	$171,994	$69,830
Resinates—		
Cobalt—		
Total value	$171,994	$69,830
Number of establishments	4	
Pounds	203,108	$69,830
Value	$37,746	
Other resinates, value	$134,248	
Stearates—		
Total value	$1,085,219	[9]...
Alumina—		
Number of establishments	12	5
Tons (2000 pounds)	1,896	681
Value	$633,274	$227,466
Calcium—		
Number of establishments	8	3
Pounds	491,673	99,809
Value	$90,582	$16,442
Zinc—		
Number of establishments	10	
Pounds	1,719,979	[10]...
Value	$322,500	
Other stearates, value	$38,863	[9]...
Salicylates—		
Total value	$200,805	$135,841
Magnesium—		
Number of establishments	3	3
Pounds	4,420	3,602
Value	$4,866	$3,432
Other salicylates, value	$195,939	$132,409
Sulphides—		
Total value	$2,084,149	$1,790,446
Soda—		
Number of establishments	13	11
Tons (2000 pounds)[11]	24,757	30,732
Value	$1,362,698	$1,353,886
Ammonia—		
Number of establishments	5	
Pounds (basis 100%)	848,248	$436,560
Value	$85,730	
Other sulphides, value	$635,721	
Sulphites—		
Total value	$3,745,034	$3,003,088
Soda, normal—[12]		
Number of establishments	9	7
Tons (2000 pounds)	6,840	3,371
Value	$473,991	$266,339
Soda, formaldehyde and zinc-hydro—		
Number of establishments	7	6
Pounds	15,076,836	12,482,486
Value	$2,650,638	$2,305,059
Other sulphites, value	$620,405	$431,690
Tartrates—		
Total value	$867,883	$1,088,252
Potash bi- (cream of tartar)—		
Number of establishments	4	3
Pounds	3,855,022	5,789,150
Value	$641,971	$890,818
Other tartrates, value	[13]$225,912	$197,434

[1] Production in 1935, basis 20 percent; for other years as reported, regardless of strength.
[2] Includes, in order of value, data for cellulose acetate, soda acetate, isopropyl, acetate, etc.
[4] Includes, in order of value, data for soda citrate, calcium citrate, etc.
[4] Includes, in order of value, data for soda cyanide, soda ferrocyanide, potash ferrocyanide, and ferric cyanide, etc.
[5] Production in 1935, basis 100 percent; for other years as reported, regardless of strength.
[6] Not including soda hydroxide made and consumed in establishments classified in the wood pulp and textile industries.
[7] Includes output of two establishments that produce caustic from natural soda ash.
[8] Data for soda nitrate withheld to avoid disclosing an approximation of the output of an individual establishment.
[9] Not available.
[10] No comparable data.
[11] Production in 1935, basis 60 to 62 percent; for other years as reported, regardless of strength.
[12] Anhydrous and crystal.
[13] Includes, in order of value, data for Rochelle salts, tartar emetic, etc.
[3] Approximated.

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLÉ, 205 Fulton Street, NEW YORK
Telephone: Cortlandt 7-1460-1461 Cable Address: "Yesan," N. Y.

Milestones—Past and Present

By Ernest T. Trigg

President of the National Paint, Varnish and Lacquer Association

Address Given at the Fiftieth Anniversary Dinner of the New York Paint, Varnish and Lacquer Association, April 7, 1937

(Continued from April 12 issue)

Discontent Means Progress

Gazing into the past, Janus-like, over a period of the last hundred years, embracing as it does the fifty years of our organized efforts, we see greater developments as the result of inventive genius and greater progress in material things than in the previous history of the world. Our industry and its men have contributed their part to this development and the industry and its men will continue to do so in the future.

At this milestone in our history as an organized industry, it is fitting that we should pause a bit and perhaps look back over the road we have traveled and lay some plans for the future. Not merely as members of this industry, but primarily as Americans concerned with the further development and security of our form of government.

Through Great Eras

We have been through the agricultural era followed by a great industrial growth based upon the discovery of almost limitless raw materials, the taking of which from the ground required the development of new and powerful machinery and equipment, plus transportation facilities. Our inventive genius has been fully equal to the task of producing other and even more complicated tools and machinery with which to convert these natural resources into finished products for the every day use, comfort and convenience of our people. It is hard to realize that Abraham Lincoln studied by the light of a fireplace. The earliest American-built steam locomotive turned its wheels for the first time in 1830. About the same time, gas was introduced for lighting in New York, Boston, and Baltimore. People wanted something with which the gas might be easily lighted and the phosphorus friction match came into use in 1836. Twenty-three years later, the use of mineral oil for lighting was developed, but it was not until 1860, or just before the Civil War, that kerosene lamps had chimneys.

Such an everyday modern necessity as the bathtub was a sensation in the United States when Adam Thompson of Cincinnati installed one in his house in 1842. It was lined with lead, weighed a ton, and got its water from a pump by two pipes, one of which was heated by being passed through a fireplace. Doctors and others lashed out at the idea. Legislation penalizing bathtubs was passed in Virginia with a tax of $30 per year per tub. In Massachusetts, bathing in Winter was forbidden except by doctor's orders, and there wasn't a bathtub in the White House until 1852. Yet, people wanted bathtubs, and the evidence today is that they have them.

The first hot air radiator with "the stove in the cellar," or what we now call a hot-air furnace, came in the same year with the lamp chimney, 1860. The first comprehensive sewage system in this country was started in 1855 in Chicago. In the decades of the second half of the nineteenth century, new inventions were multiplied. People wanted new things and got them. Edison, the Wizard of Menlo Park, brought us the incandescent lamp and the talking machine. Bell invented the telephone, and in the closing decade of the century came the automobile, which revolutionized transportation for the masses, and the beginnings of the marvel of radio.

To make the products and facilities we were so rapidly developing readily available for the wants of our people a system of advertising, merchandising and distribution was necessary and again American genius was equal to the need. All of this production, merchandising and distribution spells employment—work for the men and women of this country so essential to their livelihood and comfort, and hence indispensable from the standpoint of the welfare of the nation itself.

Traveled Far

Surely we have traveled far and have seen great changes. But with all our progress, our natural resources, our inventive genius, our ability to market our products, and in spite of the fact that our people enjoy more advantages, comforts, and privileges than any other people on the face of the earth, they are probably the most discontended, and it might still be more startling to say, "And thank God for it." Why? Because discontent is the very mainspring of progress. To be content with our lot means stagnation, nothing less.

Nothing stands still for long. If the time ever comes when the American people are content with bare subsistence, we can get along with half a dozen paint factories and grass will grow in the streets of industrial towns. No; we must progress or we soon drop backward, and others will take our place; so let us not complain of discontent. It is one of our greatest national assets. It represents our markets and they in turn keep our factories running, our men employed, and our country prosperous. It is the very hub of our business life. If it squeaks at times, we must get out and look it over.

We who make things must find those who want things. We spend fortunes in advertising, creating discontent, creating wants that perhaps did not exist before. If we who make things have oversold our neighbors who want things, is it their fault? We should not complain of the condition that we have helped to bring about. Rather we should be discontented until we have accomplished more in the direction of satisfying these wants. That kind of discontent will get us somewhere, for it has always been true that discontent means progress, provided it takes proper direction. Then, "discontent" becomes "ambition," but unrealized ambition leads to more dissatisfaction and unrest.

The Job Ahead

And so it seems to me, we have come to a place in our national progress where American business must frankly face the fact that great masses of people are dissatisfied, and must set ourselves to work at the task of correcting this situation and removing the cause for the unrest which does exist. As I see it, this is the job of business and business men. It is a job that must be undertaken in a spirit of absolute fairness and with an enlightened determination to make whatever corrections are necessary in the relationship between employers and employees to the end that there may be justice done to all parties concerned. Then and not until then will the constantly recurring friction of the past between what we call capital and labor be permanently eliminated.

It is my firm belief that such friction is basically due to misunderstandings and lack of confidence and that it is the obligation of management and business men generally who, through education and experience have the opportunity to take a broader view of the question, to work out its solution.

Really, it seems to me that just as we have gone through other great stages of development in our national progress, we are now definitely in a period when we must honestly recognize the attitude of mind of our people and more specifically the contest between those who have and those who have not. I like to think of this interms of "human relations." I do not believe that these economic problems, evidenced so much as they are by strikes and other manifestations of bitterness and antagonism and which result in so much distress and waste, are insoluble.

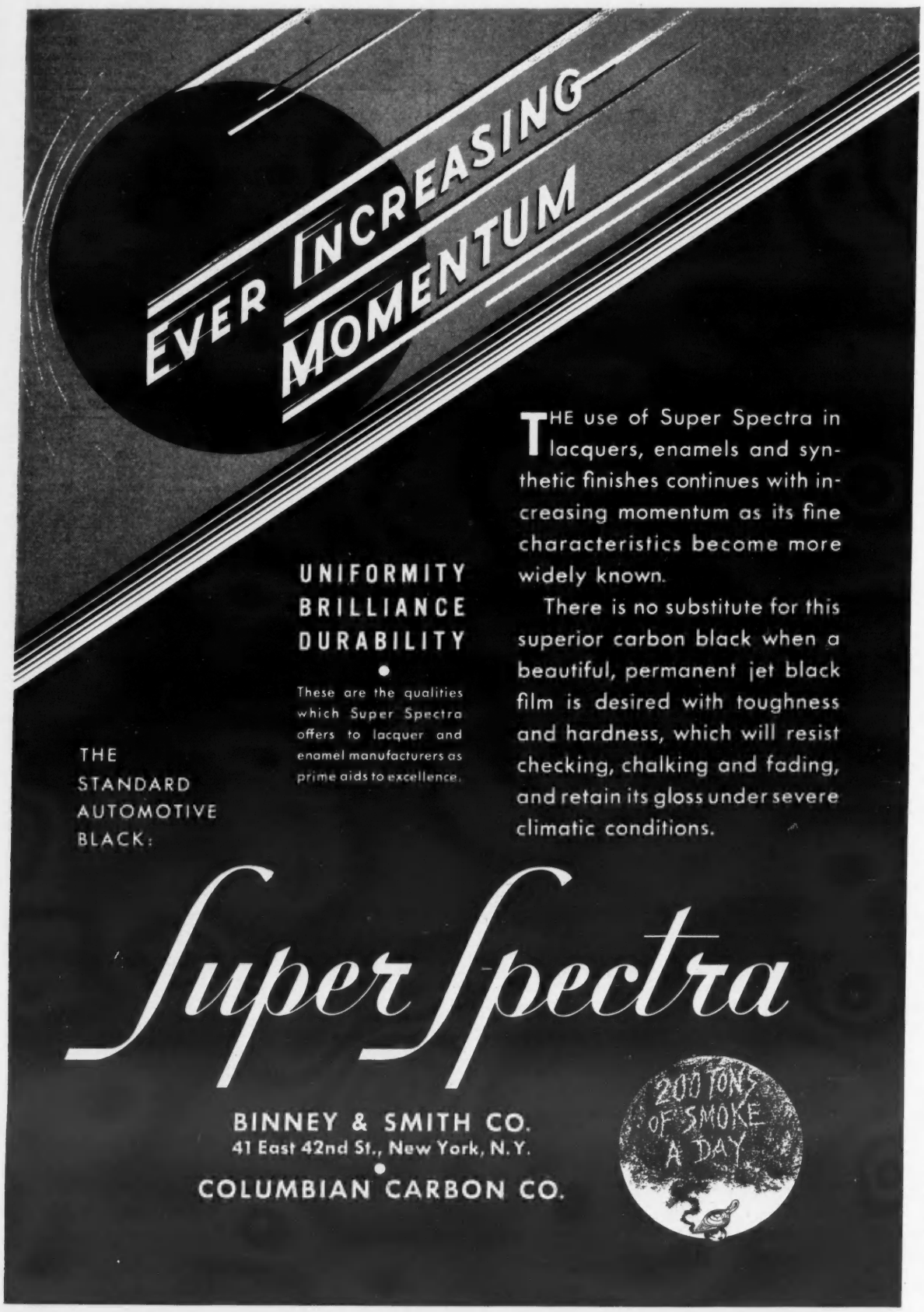
In the early days of our national development when industry in the main was of a "homespun" variety, we did not have such problems because there was understanding between the so-called "boss" and the men who worked for him. That understanding spelled confidence, good will, progress. In those days the employe brought his troubles to the employer, and they were dealt with first-hand. "Collective bargaining" and "sit-down" strikes were not in the dictionary then. With the consolidation of many of the small units into larger ones and the development of far-flung industrial ownership, conditions changed and today we have a job which, while fundamentally the same, is nevertheless more complicated and difficult.

Industry's Opportunity

And so I am taking advantage of this fiftieth anniversary of the New York Paint, Varnish and Lacquer Association to suggest that, under the leadership of some impersonal, satisfactory, and acceptable business organization, a definite and sustained effort to solve this problem be promptly undertaken. This requires the services of our ablest men, men of the highest character, whose intent and purposes will not be misunderstood and who will approach the task without prejudice or preconceived ideas, concerned only with the accomplishment of a result which will be fair and just to all alike.

Such a job means much study and re-

(Continued on page 45)


EVER INCREASING MOMENTUM
THE use of Super Spectra in lacquers, enamels and synthetic finishes continues with increasing momentum as its fine characteristics become more widely known.
There is no substitute for this superior carbon black when a beautiful, permanent jet black film is desired with toughness and hardness, which will resist checking, chalking and fading, and retain its gloss under severe climatic conditions.
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BRILLIANCE
DURABILITY
These are the qualities which Super Spectra offers to lacquer and enamel manufacturers as prime aids to excellence.
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COLUMBIAN CARBON CO.

Paint, Varnish, Lacquer Materials

Leaded Zinc Oxide Prices Reduced—Chrome Yellow Down 1c. Per Pound—Moderate Change in Rosin and Turpentine Prices

Additional reactions to the slash in metallic lead prices of April 7, took place last week. The products affected last week were leaded zinc oxides, metallic lead paste, and, c.p. chrome yellow. Prices for the 35 percent and 50 percent leaded zinc oxides were lowered as of April 9, but the news of the reduction did not reach the trade until early last week. The price for 5 percent leaded zinc and prices for the lead-free oxides were unchanged. The decline in yellow prices took place last Thursday. Metallic lead prices were free from disturbance last week, while in London, the market showed a small recovery from the severe price break of a week ago. There were no further changes in white lead or oxide prices here. Buyers of lead pigments were shy of the market as a result of the price break a week ago. Warehouse inventories on the heavy purchases made on the market's rise last month, was also a factor of the market's inactivity.

Purchasing of paint, varnish and lacquer chemicals continued at a brisk rate. Labor difficulties have handicapped the consumption, but wide construction activity and unusually favorable seasonal conditions combined to keep the gallonage consumed at a comfortable margin over that of last year.

Rosin and turpentine were quieter last week, the curtailment of business being attributed by some to the disturbing developments in political and labor affairs. Offerings were generally light, however, and the prevailing tone was steady, changes in quotations being moderate. Owing to unseasonably low temperatures in many parts of the South, receipts were smaller than expected.

March construction in the 37 Eastern states totaled $231,245,900, according to F. W. Dodge Corporation. In February the figure was $188,257,300, while for March, 1936, the total was only $198,-761,900. Of the March, 1937, figure, $90,167,600 represented residential build-$88,601,500 went for non-residential building, and $52,476,800 went into heavy civil engineering projects.

The March residential total was about 65 percent ahead of the total of $55,220,-600 reported in this class for March, 1936.

Dun & Bradstreet's March total in 215 cities was $121,102,610, exceeding all records for March since 1931, and the largest monthly figure since May of that year. The February permit volume, according to this agency, was $85,784,414 and March, 1936, values totaled $78,072,661.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Rosin, medium grades, 2½c. per 280 lbs.

Reduced

Lead, metallic paste, 1c. per lb.
Turpentine, gum, ¼c. per gal.
Yellow, chrome, c.p., 1c. per lb.
Zinc oxide, leaded, 35 percent, 0.525c. per lb.
50 percent, ¾c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
132.6	**133.8**	**137.4**	**130.0**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Pig lead held to the position reached after the severe break of a week ago. Prices remained at 5.85c. per pound, East St. Louis, and 6c. to 6.05c. per pound at New York, according to seller. There was some business done for May shipment but trade was generally light albeit better than a week ago. The London market effected a very small recovery from the low point of a week ago. Lead exports during February were valued at $171,454 compared with $120,540 in January and $214,005 in February, 1936, according to the Department of Commerce. Lead imports were valued at $12,330, compared with $34,564 in January and $30,-422 in February, 1936.

Zinc prices were also without change last week. The market was 7c. per pound, basis East St. Louis, all week. Production has been handicapped by the labor difficulties in the tri-state district. An inter-union feud had the Missouri, Kansas, Oklahoma district in a tense position.

Exports of zinc and zinc manufactures increased to $135,536 in February from $128,024 in January and $75,493 in February, 1936. Zinc imports virtually trebled in value in February, being valued at $157,384 compared with $57,724 in January, 1937, and $54,091 in February, 1936.

The Polish import duties on zinc and lead have been canceled, in order to cause a reduction in prices of these commodities, according to a cablegram received by the Department of Commerce from Warsaw.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from April 10 to April 16, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0600@.0605	$0.0585	.. .. ..
Monday	.0600@.0605	.0585	25 0 0
Tuesday	.0600@.0605	.0585	25 15 0
Wednesday	.0600@.0605	.0585	25 18 9
Thursday	.0600@.0605	.0585	25 7 6
Friday	.0600@.0605	.0585	25 1 3

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from April 10 to April 16, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0735	$0.0700	.. .. ..
Monday	.0735	.0700	25 12 6
Tuesday	.0735	.0700	25 18 9
Wednesday	.0735	.0700	26 5 0
Thursday	.0735	.0700	26 8 9
Friday	.0735	.0700	26 0 0

Pigments

Prices for the higher-strength leaded zinc oxides were reduced in sympathy with the recent slash in pig lead prices. The reduction embraced the 35 percent and 50 percent leaded grades only and prices for 5 percent leaded oxide were unchanged. Lead-free oxide also remained unchanged at the price levels established last March 15. The metallic lead market was free from price disturbance last week and the trend of the market, as may be gauged by London's movements, was stronger. Lead products were very quiet last week. Titanium pigments continued active.

White Lead.—The market held at the lower prices established a week ago when both the dry basic carbonate and basic sulphate products took their sharpest decline within recent memory. The 1½c. per pound reduction of April 8 placed the market for basic carbonate at 7½c. per pound delivered East and 7¾c. per pound delivered in Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo. Less car lots were ¼c. per pound higher. Blue lead and white lead basic sulphate were ½c. per pound below the basic carbonate schedule.

Red Lead.—Metal prices remained stationary last week and prices for car lots and l.c.l. quantities continued at the levels established April 7. There was very little business booked during the week. Car lot prices were 8½c. to 8¾c. per pound for 95 percent; 8¾c. to 9c. per pound for 97 percent; and 9c. to 9¼c. per pound for 98 percent.

Litharge.—This commodity also shared the immobility of the metallic lead market last week and quotations for car lots and for smaller quantities were

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

All Shades of
PRIMROSE
LEMON
MEDIUM
ORANGE

LIGHT FAST
HARSHAW CHROME YELLOWS

Made by a process developed in the Harshaw Laboratories, these pigments are outstanding for their unusual light fastness . . . Add to this the properties of good wettability, maximum tinting strength and easy grinding and you have the reason for the wide acceptance of Harshaw Chrome Yellows by the trade. Send us samples of your standards — we will match them.

THE HARSHAW CHEMICAL CO.
Manufacturers, Importers, Merchants
Offices and Laboratories: Cleveland, Ohio
Quality Products since 1892
New York, Philadelphia, Chicago, Detroit, Pittsburgh, Cincinnati, East Liverpool, Los Angeles, San Francisco
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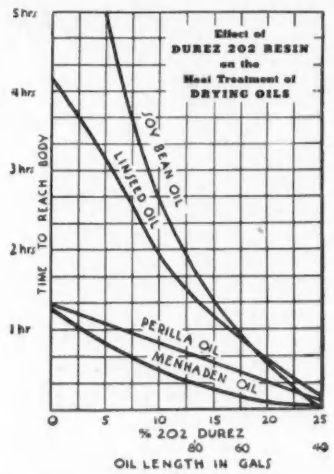
CUT BODYING TIME
from 20% to 300%



10% of Durez 202 resin cuts the bodying time of linseed oil from 4 hours to an hour and a half; 25% of Durez 202 cuts it to 15 minutes. Soya and other oils are similarly speeded.

This acceleration of bodying time—due to the reactive properties of 202—means considerable savings in kettle time. Plus this advantage, Durez 202 cuts your resin inventory by reproducing high-melting modified phenolics. You merely fuse it with rosin or ester gum.

Durez 202 gives you overnight rubbing varnishes, extra fast dry floor varnishes, tack-free bakes, brushless varnishes, etc. — all with known phenolic content and excellent gloss and handling qualities.

Write for suggested formulas and sample of 202. General Plastics, Inc., 44E Walck Road, North Tonawanda, N. Y.

DUREZ
PHENOLIC RESINS

held at the levels established April 7, the day that prices declined a full cent per pound. There was very little business in the market last week because of the sharp drop in prices a week ago. Furthermore, the trade was believed well supplied under purchases made during the market's rise in March.

Lithopone.—There has been no shift in prices and the demands of the market continued good. Much of the movement was applied against contracts. The demands from week to week have been fairly even this Spring and in contrast with other pigments which have undergone frequent price revision.

Orange Mineral.—The reduction of 1c. per pound on April 7 was the latest change in the position of this lead derivative. The metal market was free from disturbance last week. There was very little business in the market.

Titanium Pigments.—As reported previously lead titanate held the position established on the first of the month and probably will remain without change for the balance of this quarter inasmuch as sellers were committed for that period. The barium and calcium pigment compounds were steady in price. Demands continued lively.

Zinc Oxide.—Prices for 35 percent and 50 percent leaded oxides were reduced, effective April 9. The news reached the trade early last week. The 35 percent grade was lowered 0.525c. per pound and the 50 percent grade decline ¾c. per pound. The new schedule for 35 percent was 6.10c. per pound for car lots, delivered; 6.35c. per pound in less car lots delivered, or basis ex warehouse on the Pacific Coast. The 50 percent leaded oxides is now 6¼c. per pound for car lots delivered and 6½c. per pound for less car lots delivered or basis ex warehouse on the Pacific Coast. These prices were for bag lots and an additional ¼c. per pound was charged for barrel packing. Quantities of both grades could be combined to make a car-lot order. The price for 5 percent leaded oxide was unchanged. Lead-free oxide was also unchanged.

Fillers and Extenders

Inert pigments, fillers and extender materials continued to attract the favor of the buyers and the demands showed seasonal fullness last week. Barytes continued in good request and the sellers have not advised of any change in quotations. Domestic china clay was unchanged.

Asbestos.—Domestic production of asbestos was 10,845 tons in 1936 against 9,415 tons in 1935, according to the Bureau of Mines. Imports were 243,602 tons, or 46 percent greater than the preceding year. Apparent consumption in 1936 was 250,870 tons, the largest since 1929 and compared with 174,655 tons in 1935.

China Clay.—The price for the domestic article has not changed in price since the early part of the year. Local jobbers reported a nice business in less than carload amounts.

Mica.—The schedule recently established for wet ground material placed oil paint or lacquer grades at 4½c. per pound and water paint grades at 4¼c. per pound, in car lots, f.o.b. works, with freight allowed east and ½c. per pound additional for l.c.l. quantities. Wall or coated paper grades were priced at 4¼c. in car lots, 4¾c. per pound in ton lots and 5¼c. per pound in smaller quantities. Rubber grades were 3½c. per pound in car lots, 4c. per pound in ton lots and 4½c. per pound in smaller lots. These were also f.o.b. works freight allowed east. The Pacific Coast prices were ½c. per pound additional.

Dry Colors

Another reaction to the slash in lead prices a week ago, was a reduction in the price of c.p. chrome yellow which took place Thursday. The reduction was a full cent per pound. Otherwise, prices in the chemical and earth color groups were without shift last week. Other chromates held their advanced position of some weeks back. There was a lively interest in the earth color market, but some of the chemical color makers reported spottiness. Carbon black sales continued heavy.

Carbon Black.—The sales of standard grade blacks to the rubber tire trade continued active. Some sellers indicated that current deliveries into the Akron district and other tire manu-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

EARTH COLORS
INDIAN - TURKEY - VENETIAN.
OCHRE - SIENNA - UMBERS
JOSEPH A. McNULTY
114 Liberty Street New York

PLANT EQUIPMENT FOR ALBERT H. BRUECKE
BODIED OILS • PRINTING INKS
ESTER GUMS • GUM RUNNING VARNISHES
SOMMER SCHMIDDING WORKS: Duesseldorf
30 ROCKEFELLER PLAZA NEW YORK CITY

PLYMOUTH STEARATES
ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for twenty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

Headquarters for ROSIN OIL
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York, N. Y.
Offices: 3001 West 47th Street, Chicago, Ill. Factory: Savannah, Ga.

FILAC ★ ★ FILAC
Clear, soluble nitrate film scrap—a valuable, economical ingredient for industrial lacquers, artificial leather, airplane dopes, pyroxylin cements, wall paper coatings.

FILAC ★ ★ FILAC
Produced in our Burbank plant and packed dry in stout wooden cases ready for shipment by all types of transportation.
HORN, JEFFERYS & CO.
CABLES "GALLEON" BURBANK, CALIFORNIA

SOUTHWARK BRAND
WHITING
PARIS WHITE
We manufacture Whiting, Paris White from selected Imported Chalk using absolutely no adulterants.
The QUALITY is guaranteed
The SERVICE unexcelled
Your inquiries are welcome
Southwark Manufacturing Company
ESTABLISHED 1880
Factory and Home Office: CAMDEN, NEW JERSEY
SOUTHWARK BRAND

facturing centers was equal to current consumption. In a review of the carbon black market in Czechoslovakia, the Department of Commerce reported that despite domestic production and the currency exchange difficulties experienced by some importers of carbon black last year, imports of the product into the country showed an increase of about 12 percent over the preceding year. Total imports increased from 3,408,300 pounds in 1935 to 3,831,600 pounds in 1936. These figures are based upon preliminary statistics issued by the Government and although they fail to show the countries of origin for the 1936 imports, it was believed that the United States supplied about 56 percent.

Chrome Yellow. — The price for c.p. yellow declined 1c. per pound Thursday. The decline in price was not unexpected and resulted from the slash in metallic lead prices a week ago. The market was now posted at 14½c. per pound on contract and 15½c. per pound on open order.

Indian Red. — The market has held a steady position since the rise in the 80-85 percent material at the beginning of the months. Purchasing has been good.

Iron Blues. — There has been no shift in the market and sellers described things as having been steady last week. Contract withdrawals were spotty, but the demands of the season to date showed a good aggregate.

Metallic Brown. — This market has also continued at a steady pace since the advance in quotations at the beginning of the month.

Persian Gulf Oxide.—Demands have been a little better than routine since the market advanced ¼c. per pound on the first of this month.

Toner Reds.—Lake C and other toners have been without price disturbance for some time. The ink manufacturers' demands were lively.

Varnish Gums

The natural gum market has been lacking in price change of major importance for the past two weeks. Inquiry from the varnish makers has been spotty since the recent advances in the Congo gums. Contract takings were described as having been routine but there has been very little new interest in the market.

Copal.—There were no price changes in the replacement market last week. A department of Commerce report on Philippine gums showed total exports last year of 2,024 tons, of which 1,134 tons came to United States; 565 tons to Germany; 182 tons to Spain; and the remainder to other countries. The 1935 exports from the Philippines totaled 1,724 tons, of which 1,203 tons came to United States; 225 tons to Germany; 152 tons to Spain; and the remainder to Japan and other countries.

Dammar.—The replacement market has been rather quiet during the past few weeks. The cabled prices from abroad did not contain many changes last week. February imports totaled 2,116,727 pounds.

Elemi.—Since the reduction in prices last month, prices have held an unchanged position. A Department of Commerce report from Manila showed 1936 exports from the Philippines as 211 tons against 309 tons in 1935. United States was the leading buyer with 104 tons against 116 tons in 1935. The report stated that the shipments declined because of lower production and it was reported that further decrease in production would occur unless the pili nut trees were given better attention in the Islands.

Synthetic Resins

There was an appearance of weakness in the glycerin market, according to the views of some of the ester gum manufacturers, but the costs of raw material would not permit any reduction in ester prices at this time. The basic price for ester was 11½c. per pound.

Naval Stores

There was no broadening of business in naval stores last week, this applying to both primary and local markets. On the contrary much of the purchasing was of a very conservative character, and to some the developments of the week were rather disappointing so far as the volume of transactions was concerned. The failure of demand to expand with the advance of the new season, as had been expected by some, was attributed to the more or less disturbing developments in political and labor affairs which seemed to more than offset, for the time being at least, the favorable character of reports concerning the trend in important branches of trade and industry in this country.

Despite the conservative nature of business, however, the tone of primary markets was regarded by some as better than in the previous week. Offerings of both rosin and turpentine were light much of the time, holders being disinclined to accept bids at a shade under the prices at which transactions were recorded. Receipts in primary centers were below the expectations of some, the failure of marketing to increase being attributed to the unseasonably low temperatures prevailing in many parts of the South. The export inquiry was light so far as new business was concerned but the clearances from Jacksonville on unfilled contracts were larger, the movement being sufficient to cause a decrease in stocks at that point.

Nothing definite was heard concerning the efforts to secure a government loan on production of turpentine for the current season, but according to a report from the South a movement has been started among producers and other trade interests to provide financial support when needed through purchases of rosin during periods of large receipts with capital secured from private sources, the rosin purchased to be held and marketed in such a manner as to avoid any depressing effects upon prices.

Consular advices from Bordeaux stated that last month a strike movement was started among the French naval stores workers who chip the trees and collect the crude gum and receive one-half of the sale value of the gum as their compensation. In addition to the application of social laws applying to other industries, these workers request the naval stores operators to increase their share of the crude gum from 50 to 65 percent and to guarantee a minimum average price of one franc per liter for the crude gum for the purpose of computing their share. If the strike ends or is settled by agreement in the near future, it is believed that the loss in crude gum from the first dip can be largely compensated by increased production during the second dip, especially if the weather is favorable. With the highest price in several years being quoted for crude gum, it is believed that a larger number of trees will be chipped this season.

Turpentine.—The local market was a rather quiet affair last week. The tone of primary centers was regarded by some as steadier but there was little change in the attitude of buyers here, such transactions as were noted being confined to some comparatively small or moderate quantities to fill current needs. Offerings in Southern markets were reported as light, the reserved attitude of holders being regarded as due in some measure to smaller receipts than had been expected, operations in the woods having been retarded by unseasonably low temperatures.

SAVANNAH, Apr. 16.—Changes in turpentine quotations were moderate. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday....	36	91	314	186	23,634
Monday.....	35¾	214	242	795	23,081
Tuesday.....	35¾	146	352	25	23,408
Wednesday..	35¾	68	246	135	23,519
Thursday ..	36	110	218	366	23,371
Friday	36½	96	169	...	23,535

JACKSONVILLE, Apr. 16.—Turpentine was fairly active. Receipts showed some increase. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
Saturday....	35½	36	111	3	36,952
Monday.....	35¾	244	241	50	37,183
Tuesday....	35¾	196	181	4,263	33,101
Wednesday..	35¾	80	122	164	33,059
Thursday ..	36¼	47	112	1	33,170
Friday	36½	67	90	120	32,140

PENSACOLA, Apr. 10.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Monday	47	...	14,878
Tuesday	61	376	14,563
Wednesday	74	122	14,515
Thursday	38	487	14,066
Friday	64	161	13,969
Saturday	133	513	13,589

CHICAGO, Apr. 16.—Turpentine is quiet in a rather draggy and featureless market. Although the trade has talked for some time in terms of expanded demand and consumption, weather has been somewhat unfavorable, and both wholesale and retail are reported reflecting this fact. Ruling prices at the close of business last night were:—Five-drum lots, 47c. per gal-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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IMPERIAL
PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
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NIACET CHEMICALS CORPORATION NIAGARA FALLS, N.Y.

lon; five wood barrels, 52c.; single drums, 50c.; single barrels, 55c.

LONDON, Apr. 16.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	39	9
Monday	39	9
Tuesday	39	0
Wednesday	39	0
Thursday	39	0
Friday	39	0

Stocks of American turpentine in London were:—

	April 16.	Previous week.	Last year.
Barrels	18,220	19,739	4,927

Rosin.—Business continued along conservative lines last week, consumers being disinclined to purchase in advance of immediate or nearby requirements. Sales in Southern markets were rather light much of the time, but this was attributed by some here to the firm attitude of holders rather than to a lack of buying interest. Weather conditions over much of the South were still unseasonable, temperatures being abnormally low, and the movement from the woods to the seaboard failed to show the increase that had been expected.

SAVANNAH, Apr. 16.—Rosin offerings were lighter and the market had a steadier tone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.00	$7.00	$7.00	$7.00	$7.00	$7.00
D	7.05	7.05	7.05	7.10	7.10	7.10
E	7.45	7.50	7.50	7.50	7.50	7.50
F	8.07½	8.05	8.07½	8.12½	8.15	8.17½
G	8.10	8.05	8.07½	8.12½	8.15	8.17½
H	8.10	8.05	8.07½	8.12½	8.15	8.17½
I	8.10	8.05	8.07½	8.15	8.15	8.17½
K	8.10	8.05	8.07½	8.15	8.15	8.17½
M	8.10	8.05	8.07½	8.17½	8.15	8.17½
N	8.10	8.05	8.10	8.17½	8.15	8.17½
WG	8.20	8.10	8.10	8.17½	8.17½	8.17½
WW	8.80	8.75	8.75	8.75	9.00	9.00
X	8.80	8.75	8.75	8.75	9.00	9.00
	—Barrels—					
Sales	750	407	531	575	521	177
Receipts	584	835	1,583	1,139	943	693
Shipments	534	1,582	1,599	223	304	443
Stocks	44,964	44,217	44,201	45,117	45,756	46,006

JACKSONVILLE, Apr. 16.—The rosin market was quieter. Changes in quotations were within moderate limits. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.00	$7.00	$7.00	$7.00	$7.00	$7.00
D	7.10	7.05	7.05	7.10	7.10	7.10
E	7.50	7.50	7.50	7.50	7.50	7.50
F	8.07½	8.05	8.07½	8.10	8.15	8.15
G	8.10	8.05	8.07½	8.10	8.15	8.15
H	8.10	8.05	8.07½	8.10	8.15	8.15
I	8.10	8.05	8.07½	8.12½	8.15	8.15
K	8.10	8.05	8.07½	8.12½	8.17½	8.15
M	8.10	8.05	8.10	8.12½	8.17½	8.15
N	8.10	8.05	8.10	8.12½	8.17½	8.15
WG	8.15	8.05	8.10	8.15	8.17½	8.15
WW	8.75	8.75	8.75	8.75	8.75	8.85
X	8.75	8.75	8.75	8.75	8.75	8.85
	—Barrels—					
Sales	480	468	625	490	112	101
Receipts	598	906	538	514	684	606
Shipments	81	2,518	2,987	...	...	404
Stocks	46,877	45,265	42,816	43,330	44,014	44,180

PENSACOLA, Apr. 10.—The rosin market was quiet and steady. Following is a record of the market for the week:—

	Barrels— Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	155	180	127	117	305	309
Shipments	...	315	174	...	332	310
Stocks	17,356	17,221	17,174	17,291	17,264	17,263

CHICAGO, Apr. 16.—Rosin has been quiet. Prices in the last few days have shown a tendency to slide off a slight amount from the decreased marks previously established. Tone, however, is fairly steady. Ruling prices at the close of business last night were:—B grade, $10 per lot of 280 pounds; G grade, $11.07½; M grade, $11.10; W.W. grade, $11.75.

LONDON, Apr. 16.—Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	20	9	22	6
Monday	20	9	22	6
Tuesday	20	9	22	6
Wednesday	20	9	22	6
Thursday	20	9	22	6
Friday	20	9	22	6

Pine Oil.—The market remained in a firm position. There was a steady movement into consuming channels on contracts and transient orders, leaving spot supplies small.

Pitch.—A firm tone continued to prevail, quotations generally being held at previous levels. There was a fairly active demand from local and other consumers.

Rosin Oil.—There were no fresh developments in the way of price changes, the market being steady at the recent reduction. Business lacked snap, but there was a fairly active demand for moderate quantities.

Tar.—The movement on unfilled contracts was steady and new business was reported as fairly active. The market retained a steady tone.

Shellac

Movement into consumption was said to have improved moderately in the market for shellac. While undertakings of the principal buyers were not exceptionally large, they were still more numerous than they had been for some time past. The result was a somewhat firmer undertone in the market generally without the improved situation having been productive of more remunerative prices. The London and Calcutta markets were not very active and business cabled from America was none too large. On the whole, it failed to affect the source markets to any considerable extent. Prices were easier and slightly lower abroad.

London, Apr. 16.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows:—

	April 16— Shillings. Cwt.	Cents. lb.	April 9— Shillings. Cwt.	Cents. lb.
May	51	11.1	53½	11.6
August	53	11.5	54½	11.8

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight— May.	August.
April 9	53s 6d	54s 6d
April 10	54s ..	55s 6d
April 12	53s 6d	55s ..
April 13	52s 6d	54s ..
April 14	51s 6d	53s ..
April 15	52s ..	53s 6d
April 16	51s ..	55s ..

Calcutta, Apr. 16.—Prices quoted on pure T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound— April 16.	April 9.
April	12¾c	12¾c

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
April 9	12⅜c
April 10	12⅜c
April 12	12½c
April 13	12½c
April 14	12⅜c
April 15	12¼c
April 16	12¼c

Lacquer Materials

Business in the market for lacquer materials continued irregular during the week just ended. Manufacturing consumers continued to order out supplies in volume sufficient to cover for nearby production requirements. A steady to firm tone was noted for acetone. A firm tone was shown for ethyl acetate, and shipments of butyl alcohol continued to move out in good volume. Reports from the automobile industry indicated that production was at a rather low level for this period of the year, operations having been hindered by recent labor strikes.

Acetone.—A good demand was reported here during the week. Prices ruled unchanged.

Butyl Alcohol.—A substantial buying movement continued in evidence for this material. No change was disclosed in quotations.

Dibutyl Phthalate.—Quiet prevailed in this market throughout the week. No change was disclosed in quotations.

Ethyl Acetate.—A steady to firm tone was in evidence here again last week. Prices ruled unchanged.

Driers

Stearate prices continued without change at the levels that have been in force throughout the past several months. Palmitates were in a similar position. Suppliers of lead linoleate quoted the market at 19c. per pound last week. Pale lead resinate was quoted at 11½c. per pound.

Glues and Binders

Casein.—The market's position did not change last week. The reduction to 15c. per pound for car lots of 20-30 mesh and 15½c. per pound for the 80-100 mesh product, both basis delivered, which took place a week ago was not extended. The volume of material moving into the market now was substantial and by virtue of the added supply, prices have backed down from the Winter high of 20c. per pound.

Glues.—Hide glue prices continued strong, but there has been no general increase in prices yet. At this writing there was a lull in the demand and even though raw stock was scarce and high-priced, the current demand was a handicap to the inclination toward higher prices. Bone glue quotations held at the advances of a few weeks ago.

P. D. George Company, paint and varnish manufacturer, St. Louis, has purchased an additional three acres of ground comprising the entire 5,200 block of North Second street, that city, to provide for further expansion of the company's paint and lacquer manufacturing facilities. Varnish manufacture will continue at the firm's large, modern plant at 4153 Bingham avenue.

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Oils, Fats and Waxes

Cottonseed Oil Consumption Greater Than Expected, but Prices Weaken with Lard—Chinawood Oil Reacts—Copra and Coconut Oil Easier—Tallow Remains Easy

Quotations on miscellaneous oils, fats and greases had a downward trend last week, the easier tone being attributable largely to further declines in the markets for cottonseed oil and lard futures. There was little change in the character of business, many consumers being disposed to adhere to a very conservative policy in making purchases, especially as developments in political and labor affairs were of a rather disturbing nature.

Among the vegetable products, chinawood oil was weaker, the markets here and on the Pacific Coast being influenced by a reaction in the primary center. Coconut oil was easier owing to a decline in copra and a lack of demand, buying interest being checked by weakness in competing product. Perilla oil was quieter but offerings were light and prices were maintained at recently advanced levels. Rapeseed oil was still scarce and the market retained a firm tone.

Cash lard was quiet and the trend of prices was downward at times especially as futures in Chicago displayed weakness under selling based on liberal receipts of hogs and a further increase in supplies of lard. Quotations on stearin were shaded in the absence of any improvement in demand. Oleo oil was easier but prices for other animal oils remained where they stood in the previous week. Offerings of tallow were lighter and the market apparently had a steady tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Rapeseed, blown, ¼c. per lb.

Reduced

Babassu oil, ⅛c. per lb.
Chinawood oil, ½c. per lb.
Coconut oil, crude, coast, ⅜c. per lb.
Coconut oil, edible, spot, ¼c. per lb.
Copra, ⅜c. per lb.
Corn oil, crude, ⅛c. per lb.
Cottonseed oil, crude, ⅛c. per lb.
Cottonseed oil, edible, ⅛c. per lb.
Cottonseed oil, imported, ⅛c. per lb.
Lard, 25c. to 75c. per 100 lbs.
Oiticica oil, ¼c. per lb.
Oleo oil, ⅜c. per lb.
Palm oil, shipment, ¼c. per lb.
Palmkernel oil, shipment, ¼c. per lb.
Peanut oil, crude, ¼c. per lb.
Sardine oil, crude, 1½c. per gal.
Stearin, ¼c. per lb.
Tallow, ⅛c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.6	156.2	156.3	118.2

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—For forward delivery, the price was shaded another ⅛c. per pound last week to the basis of 10¾c. per pound in tankcars, July-August shipment. The inquiry was good and production continued to move steadily into consuming channels.

Chinawood.—A reactionary tendency developed at Hankow last week and this was reflected in domestic markets. At one time prices were ½c. to ⅝c. per pound below the quotations ruling at the close of the previous week, but the tone here and on the Pacific coast turned steadier later on in company with a small recovery in prices abroad, where buying interest was reported to have been stimulated to some extent on the earlier decline. In domestic centers there were reports of a somewhat better inquiry from consumers for forward deliveries though the volume of business closed for the week was apparently not important.

Coconut.—With copra easier and some other vegetable oils in downward trend, the tone of local and Pacific coast markets for coconut oil was weaker though crude oil prices remained where they stood in the previous week, the figures, however, apparently being nominal in the absence of transactions. Local and other consumers were disposed to hold aloof for further developments in the markets for other commodities as well as in the copra situation abroad. Edible oil prices were reduced by local refiners to the basis of 13½c. per pound in tankcars, tax included.

Corn.—Offerings of crude oil continued light on spot but developments in other vegetable oils in some cases were of a kind to impart an easier tone to the market in the absence of any increase in the inquiry. Quotations were shaded ⅛c. per pound. Refined oil was fairly active and steady.

Cottonseed.—Quotations on edible oil were reduced ⅛c. per pound by refiners and the tone of the market apparently remained easy. There was a fairly active demand. Imported oil quotations were shaded about ⅛c. per pound, but offerings were reported as light.

Oiticica.—A somewhat easier tone was apparently due to the downward trend in chinawood oil which had the effect of curtailing buying interest to some extent though there was apparently a steady movement into consuming channels on contracts previously placed. Quotations were shaded ¼c. per pound by some sellers, but with stocks light, there was no pressure of offerings.

Palm.—Niger was still in light supply on spot, but shipment prices were shaded about ¼c. per pound, though offerings were generally reported as rather light. The weakness recently in competing product had a tendency to curtail demand.

Perilla.—The inquiry was lighter as a result of the recent advance, but with spot supplies small and offerings for shipment light, the market continued to present a firm appearance. Prices were generally held at recently advanced levels.

Rapeseed.—A firm tone continued to prevail. Spot stocks are unusually small and replacement costs remained at abnormally high levels, with offerings light in all positions for shipment. Shipments of seed from India to the United Kingdom and the Continent from January 1 to April 2 were 16,900 tons against 9,700 tons in the same time last year.

Soybean.—There were no fresh developments in the way of price changes, the market being steady at the recent advance announced by producers. New business was reported as quiet.

Markets at Other Centers

San Francisco, Apr. 14.—Coconut oil was the feature of the week in an otherwise very quiet market generally during the period under review here. Prices were slipping all along the line and the easiness was particularly noticeable in this product, although chinawood oil declined rather sharply, sellers here accounting for very little interest in the latter product. In the case of coconut oil, business was mostly confined to the last two days, in which forward extended contracts were made down to a point as low as 7¼c., Pacific Coast, tankcars. Close positions are nominally higher, as the material for spot and nearby is very scarce. Imported cottonseed oil was included in last week's decline, the trade not interesting itself to any extent.

Ruling prices are:—

BABASSU.—Quoted at 10¼c. per pound in tankcars, f.o.b. mill, Pacific Coast, for May-June shipment. Spot and nearby oil is reported scarce.

COCONUT.—Forward shipment from the Pacific Coast in tankcars is quoted at from 7½c. to 7¼c, with sales active during the last few days. Prompt and spot oil is practically unavailable at the moment, being quoted on a nominal basis of 7⅞c.

COPRA.—The market turned easier last week, a succession of price declines from sellers in the Philippines reacting here in a series of purchases by local mills, and the market turned out to be rather active before the period was over. Some impetus was given to the situation locally by substantial commitments of coconut oil for future delivery made by the mills. Steamer freight rates will very probably go up on copra soon, it was seen last week, automatically increasing the price. Quoted at 4.75c. to 4.80c. per pound, c.i.f. Pacific Coast ports.

CHINAWOOD.—Easier, with no interest in the trade. Quoted for April-May shipment from the Pacific Coast at 14¼c. per pound. June forward quoted at 14¼c. per pound, all tankcar basis.

COTTONSEED.—Japanese semi-refined oil is quoted at 10.60c. per pound, April-May shipment from the Orient. Brazilian oil is quoted at 10.40c. per pound; all duty paid in tankcars, f.o.b. Pacific Coast.

PERILLA.—Easier. Forward shipment from Japan is quoted at 10⅞c. to 11c. per pound in tankcars, f.o.b. Pacific Coast ports. Prompt to nearby, out of spot stocks, quoted at 11¼c.

SESAME.—Crude oil is quoted at 10¼c. per pound in tankcars, f.o.b. Pacific Coast mills.

Chicago, Apr. 16.—Buyers have been a little more hesitant to place sizable orders for vegetable oils, but prices in the main have been holding up quite well. Offerings of coconut, corn, etc., have not exceeded rather moderate totals. Soybean oil prices have tended to ease off a trifle, on early delivery, firmer on futures. Peanut is steadier.

COCONUT.—Crude oil, 8c. to 8¼c. per pound, prompt shipment; 7¾c. to 8c., deferred.

CORN.—Crude, low acid, 10¼c. to 10⅜c. per pound, mills, partly nominal. Refined, edible oil, 13¼c. to 13½c. per pound, drums, car lots; and 13½c. to 14c., drums, less than car lots.

CHINAWOOD.—Ruling, spot, drums, 15¾c. to 15⅞c. per pound; futures, 14⅜c. to 14⅝c.

SOYBEAN.—Crude, prompt shipment, 9¾c. to 10c. per pound, drums.

PEANUT.—Crude, 10¼c. per pound, Southeast.

London, April 7.—Soybean oil, British crude, 34s. per hundredweight; palm kernel oil, refined, 41s.; rapeseed oil, crude extracted, 36s. 3d.; coconut oil, Ceylon, 35s. 6d.; peanut oil, Bombay, crude, 32s.; sardine oil, 22s. 3d.; whale oil, crude, 23s.

Chicago, April 16.—Range for soybeans for the week ended April 14:—No. 2 yellow, spot: High, $1.74¾; low, $1.72½.

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Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Linseed Oil

The trend of flaxseed quotations was mainly downward in domestic and foreign markets last week. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, April 16.—Following the heavy snows received a week ago the weather in the northwest has been generally clear and temperatures have been gradually becoming more seasonable. Spring planting operations are starting in the southern areas and are slowly working northward, but temperatures in the northern zone continue low. The season, generally, is backward, especially in Minnesota.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	...	$2.18½	$2.16
Monday	2.21	2.17½	2.15
Tuesday	2.21	2.17½	2.14½
Wednesday	2.20	2.16	2.12½
Thursday	2.15½	2.11½	2.12
Friday	2.07	2.07	2.07

Crop movement in bushels follows:—

	Receipts— 1937.	1936.	Shipments— 1937.	1936.
This week..	....	896	....	....
Since Aug. 1...	952,518	3,566,959	924,401	2,418,206

MINNEAPOLIS, April 16.—Demand for domestic flaxseed offers improved quite a bit this past week and prices averaged higher compared with futures. One crusher was in the market for the choicer quality to crush and another one was picking up ordinary seed to apply on May contracts. Elevator demand for offers was steady with one buyer bidding rather aggressively for higher dockage.

Receipts came from a fairly wide territory. Some came from North Dakota, some from northern Minnesota and a few cars from South Dakota. Average quality was poor but the high comparative cost of Argentine seed made the situation a little better. No Argentine flax arrived during the week. Crushers are waiting for the opening of navigation on the lakes now and, having enough seed on hand to care for requirements, see no necessity for paying rail freight on fresh supplies. The first boat bound down the lakes left Duluth Tuesday and the Soo is open. Quite a supply of Argentine seed will be moved here the moment the ice is out.

Local elevator stocks gained 10,000 bushels in four days due to the elevator accumulation for May delivery.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	...	$2.21	$2.22½
Monday	...	2.19½	2.20½
Tuesday	2.22	2.18	2.17½
Wednesday	2.19½	2.15½	1.16½
Thursday	2.17½	2.13½	2.15
Friday	2.13	2.09	2.09½

Crop movement in bushels as follows:—

	Receipts— 1937.	1936.	Shipments— 1937.	1936.
This week..	24,840	44,000	2,960	6,320
Since Sept. 1...	3,075,230	7,400,400	337,160	1,252,280

WINNIPEG, April 16.—Flaxseed futures were irregular in company with grain prices. The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$1.92½	$1.92¼	$1.92¾
Monday	1.87½	1.87½	1.87¾
Tuesday	1.85	1.85	1.86¾
Wednesday	1.80¾	1.80¾	1.81¾
Thursday	1.75¾	1.75¾	1.76¾
Friday	1.71½	1.71½	1.72

BUENOS AIRES, April 16.—Opening prices per bushel on May contracts were:—

	Last week.	Last year.
Saturday	$1.34½	*
Monday	1.34½	$1.17¾
Tuesday	1.31⅞	1.18⅛
Wednesday	1.26⅞	1.17¾
Thursday	1.30½	1.18
Friday	1.25⅝	1.18

* Holiday.

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	913,000	1,335,000	272,000
United Kingdom	.....	.....	4,000
Continent	669,000	402,000	343,000
Orders	406,000	1,106,000	28,000
Others	71,000	414,000	.....
Totals	2,059,000	3,257,000	647,000

Since January 1

To—	Bushels— This year.	Last year.
United States	12,952,000	4,330,000
United Kingdom	472,000	283,000
Continent	7,682,000	10,216,000
Orders	9,984,000	6,038,000
Others	1,792,000	887,000
Totals	32,882,000	21,754,000

Visible Supply

	Bushels.
Last week	8,268,000
Previous week	7,874,000
Last year	5,906,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels— Last week.	Previous week.	Last year.
United Kingdom	92,000	60,000	68,000
Continent	16,000	8,000	164,000
Others	.....	20,000	.....
Totals	108,000	88,000	232,000

Since April 1—	Bushels— This year.	Last year.
United Kingdom	152,000	800,000
Continent	40,000	172,000
Others	20,000	.....
Totals	212,000	972,000

HULL, April 16.—Quotations on flaxseed were:—

	Per ton— La Plata.	Bombay.
Saturday	£13⅜	£16
Monday	13⅜	16
Tuesday	13¼	15⅞
Wednesday	13	15⅝
Thursday	13¼	15⅝
Friday	13¼	15⅝

Linseed Oil.—The local market was a small affair last week so far as new business was concerned, a downward trend in flaxseed prices making consumers of oil disposed to hold off. The weakness of seed was not reflected in any change in oil quotations, however, 10.7c. still being the prevailing price for tankcars. It was contended in some quarters that a decline in seed prices in Buenos Aires was offset by a further increase in ocean freight rates.

Advices from some outside points reported a slowing down of business in oil but the movement into consuming channels everywhere appeared to be holding up well and predictions were heard of a further expansion in consumption in construction and painting in the near future.

Weather and crop accounts from the Northwest continued to be closely watched in oil trade circles. Needed moisture has been received in some sections recently and the prospects for the new crop, according to some reports, are better than they were a while back. It is pointed out, however, that in not a few parts of the Northwest exceptionally favorable weather conditions will be needed during the growing season as subsoil moisture is deficient. Reports in regard to the probable acreage were conflicting.

Shipments from Argentina last week were considerably smaller than in the previous week but were much larger than last year. Exports since January 1, however, have exceeded the shipments in the same time last year by more than 11,000,000 bushels, and it is estimated by some that the exportable surplus remaining in that country have dwindled to such an extent that not more than 1,000,000 bushels per week on the average can be exported during the remainder of the year. Shipments to the United States since January 1 have amounted to 12,952,000 bushels, against 4,330,000 bushels in the same time last year.

Receipts of flaxseed at New York last week were 158,472 bushels.

MINNEAPOLIS, April 16.—Crushers had little of interest to report concerning fresh trade in linseed oil. There was a little buying right along, but the big users showed virtually no interest. Some of the smaller ones placed fill-in orders for moderate quantities. Few tankcar lots were disposed of during the week and no trade in important round lots reported.

Shipping instructions on maturing contracts were very good through the week and stocks of oil on hand here are decreasing steadily. Currently they are light and as soon as fresh supplies of Argentine flax arrive by way of the lake the capacity of local mills will probably be increased. At present about 60 to 65 percent of the presses are running.

Quotations on carload lots f.o.b. Minneapolis, cooperage, 11.5c. per pound, tankcar lots 10.9c. per pound, warehouse lots 11.9c. per pound, April-September shipment.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	2,498,567	2,769,212
Since Sept. 1	42,043,945	67,572,954

SAN FRANCISCO, April 14.—Linseed oil found some mild interest last week for forward delivery, the trade taking up a little slack, but in the main most sellers and buyers reported the market as very quiet. The situation is firm at the recently advanced schedule of prices in spite of the fact that occasional instances develop which show that levels could be shaded a little. Contract deliveries are holding well. Quoted:—Tankcars, 10.9c. per pound; drum car lots ex mill, 11.5c.; drum lots ex warehouse, 11.9c.

CHICAGO, April 16.—The linseed oil market has been marking time here lately. Few of the more important buyers seem willing to extend themselves in taking in material, while others are cautious also and are limiting their current business. Ruling prices are—Tankcar, 10.9c. per pound; car lots, 11.5c.; warehouse deliveries, drums, 11.9c.

LONDON, April 16.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	29	9
Monday	29	9
Tuesday	29	0
Wednesday	28	3
Thursday	29	0
Friday	29	0

Cake and Meal.—A steady tone prevailed in the market here last week, quotations for spot material being held at the levels ruling in the previous week. The export inquiry for cake was light and purchasing of meal by domestic interests was limited to comparatively small quantities.

MINNEAPOLIS, April 16.—Linseed meal buying is slower now because of the advance of spring weather and green grass. Brokers took over quite a supply of meal from crushers and now are finding the outlet slower than they expected. Consumers are taking their supplies in hand-to-mouth fashion and do not care to overload. Neither do the country distributors. Shipping instructions on maturing contracts are fair but show signs of slowing down. Currently instructions just about care for the output of mills. Linseed meal in carload lots, f.o.b. Minneapolis, quoted at $40.50 to $41 per ton; soybean meal, $48.20 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	2,306,560	6,404,408
Since Sept. 1	72,490,084	134,914,771

CHICAGO, April 16.—A slightly firmer market tone is reported to be prevailing in the linseed meal market. Buyers have been more generous in a moderate way with their orders. Offerings are not very large at present. Feeder interest in the market is stated to be more active than recently. Round lot business continues limited. Ruling prices are:—Round lots, $41 per ton, largely nominal; car lots, $41 to $41.50; less than car lots, $43.50 to $44.

Cottonseed Oil

Refined cottonseed oil futures were more active at lower prices. Southern markets for cottonseed products were generally steady or firm. Weather and crop news mainly unfavorable.

Cottonseed Oil. — The market for refined oil futures was more active last week, but the increased activity was at the expense of values, the trend being downward much of the time, despite a more favorable monthly cottonseed report from the Census Bureau than had been expected. According to official statistics, the consumption of refined cottonseed oil during March was 211,519 barrels, or from 25,000 to 35,000 barrels more than many in the trade had expected. These figures, however, as well as practically everything else in the way of bullish developments during the week, were more than offset by fresh weakness in lard futures in Chicago, where speculative sentiment was dominated by an increase in marketing of hogs and indications of further liberal additions to the existing heavy stocks of lard, as well as by disquieting developments in political and labor affairs.

The March cottonseed oil consumption figures compared with 181,110 barrels in the previous month, 177,209 barrels in the same month last year and 174,072 barrels two years ago. The visible supply decreased 118,400 barrels during March, compared with a decrease of 113,300 barrels in March last year. The total visible at the close of March was 1,899,800 barrels against 2,018,200 barrels a month earlier and 1,660,600 barrels last year. Receipts of seed at the mills during the first eight months of the current season were 4,392,789 tons against 3,647,196 tons in the same time last season; crushed 4,100,301 tons against 3,537,467 tons. Production of crude oil from August 1 last, to March 31, was 1,232,469,925 pounds against 1,071,135,084 pounds in the same time last season; refined oil 1,090,085,114 pounds against 915,315,650 pounds. Stocks of seed at the mills at the close of March were 314,179 tons against 199,304 tons a year ago; crude oil, 100,950,202 pounds against 113,950,936 pounds; refined oil, 579,427,275 pounds against 504,337,092 pounds last year.

Receipts of hogs in the principal western markets for five days of last week aggregated 261,700 head against 210,300 head in the same time last year. The weight of the hogs received in Chicago during the week ended April 10, averaged 238 pounds, against 246 pounds in the previous week, and 248 pounds in the same week last year. Lard compound was quiet and the tone of the market appeared to some to be easy. Trade in cash cottonseed oil was reported as slow. Vegetable products which compete with cottonseed oil in some cases were easier. Tallow offerings were lighter, but demand was quiet, large consumers being inclined to hold off for further developments. At an an auction of tallow in London on Wednesday, prices were 1s. 6d. to 2s. per hundredweight lower as compared with the last previous auction, only 101 casks being sold out of offerings of 381 casks.

Weather and crop news from the South was mainly unfavorable. According to the weekly government report, cold wet weather delayed planting in the earlier sections, also preparation of soil in the districts rather generally from the Mississippi Valley eastward. Some local planting was reported as far North as southeastern North Carolina, but seeding was generally slow in southern sections of the belt. In Texas, preparation of land has made good progress but little seeding is being done because of cold, dry soil. Some early planted cotton in the South is up to good stands, but a general rain, followed by warm, sunny weather is needed.

Local and outside longs, as well as foreign interests were credited with sales of both old and new crop months. Some who liquidated long accounts were credited with sales for a turn on the short side. At around 10.50c. for July, some early sellers turned buyers and their support together with covering of shorts imparted a steadier tone to the market. There was considerable switching from near to distant positions. May was switched to July at 8 to 9 points difference, and to September at 9 to 10 points. July was switched to September on even terms.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from April 10 to April 16, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
May	10.81	10.08	10.11 sale	342
June	...	...	10.20 nom.	..
July	10.92	10.15	10.15 sale	451
August	...	...	10.20 nom.	..
September	10.94	10.18	10.18 sale	416
October	10.76	10.05	10.05 sale	159
November	10.41	10.41	9.05@10.05	1
December	...	...	10.00@10.05	..
Total sales (152 switches)				1,521

Crude, Southeast, 9.50c. nom.
Valley, 9.50c. nom.
Texas, 9.37½c. nom.

Chicago, Apr. 16.—There has been some little easing in certain sections of the cottonseed oil market, with a result that buyers have been placed a little more on their guard as to making large purchases at this time. There is still, however, a fairly good flow of business. The trade is watching statistics. Good, off-Summer yellow fig oil

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is ruling at 11⅛c. per pound. Refined edible oil is quoted at 13c. to 13¼c. per pound, barrels, car lots; and 13½c., barrels, less than car lots.

Hull, Apr. 16.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s. d.	Egyptian crude. Per cwt. s. d.
Saturday	33 6	30 6
Monday	33 0	30 6
Tuesday	33 6	30 6
Wednesday	33 6	30 6
Thursday	33 6	30 6
Friday	33 6	30 6

Cake and Meal.—A generally firm tone continued to be reported in southern spot markets although futures in at Memphis showed irregularity. Offerings of spot material continued light. According to official statistics, production of cake and meal during the first eight months of the season was 1,837,093 tons against 1,601,067 tons in the same time last season. Stocks at the mills at the close of March were 138,660 tons against 285,387 tons last season.

Markets at Other Centers

Atlanta, Apr. 14.—Cottonseed meal continues to climb, having advanced $2 per ton in a week, and has reached a season's high of $40. Oil is reported holding at 10c. per pound.

Planting is in progress in the lower South, while heavy rains are retarding land preparation in the heavier soils of the upper South. Early planting is impossible in the upper belt because of weather handicaps.

Quotations are as follows:—

OIL.—Prime crude, 10c per pound.
MEAL.—7 percent grade, $40 ton, interior mill points.
HULLS.—$13 ton.

Memphis, April 16.—Crude cottonseed oil remained quiet during the week. The tone of the market was easier, sales being reported at 9⅝c. per pound, Valley basis. Offerings were light, however, as many of the mills are well sold ahead against their seed holdings. Cottonseed meal in the futures market here made new highs for the season today. The visible seems hardly adequate to supply the demand until new crop meal becomes available. On spot 41 percent meal was quoted at $39.50 per ton, Memphis basis. Valley cake $36.50 per ton for 41 percent, April-May shipment. Cool weather continues to prevail but cotton planting is now getting under way. The season is about two weeks late.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	April 8.	April 18.
May	$37.25@37.80	$39.25@——
July	36.50@——	37.90@——
September	33.05@33.40	34.50@35.00
October	31.00@31.60	32.25@33.00

Animal Oils

Lard.—Selling schedules were maintained at previous levels last week, but the tone of the market appeared to be easier. Trade was slow in view of recent developments in basic materials.

Neatsfoot.—Quotations were unchanged and the tone of the market appeared to be steady. Business lacked snap, but there was a fair inquiry for small or moderate quantities.

Oleo.—The market was easier, quotations being reduced ⅜c. per pound. There were reports of a somewhat better inquiry though consumers were not inclined to anticipate.

Tallow.—The tone appeared to be somewhat easier but prices lacked quotable change. Demand was fair.

Markets at Other Centers

Chicago, Apr. 16.—Most of the buyers of animal oils are holding back from overparticipation, and are taking their time about putting through very extensive orders. At the same time material in the hands of sellers in a good many cases is not pressing for immediate movement, despite some reports of irregularity.

LARD.—No. 1, 12¾c. to 13¼c. per pound.
OLEO.—No. 2, 12¾c. to 13c. per pound.
TALLOW.—Acidless, 12¾c. to 13c. per pound, tanks; 13¼c. to 13½c., drums.

Fish Oils

Menhaden.—Quotations on refined oil were maintained at previous levels, the tone of the market being firm. There was little change in the character of business, consumers being disposed to adhere to a conservative course in making purchases. In some quarters an increase was noted in the call for small or moderate quantities for prompt shipment. Crude was quiet and steady, no further transactions being reported in new crop oil.

Sardine.—Selling schedules were maintained at previous levels by local refiners, the tone of the market apparently being steady. Business lacked snap but some improvement was reported in the inquiry for moderate quantities. The Coast market for crude was easier.

Sperm.—A fairly active demand was noted and the market retained a steady tone, quotations being held at previous levels.

Markets at Other Centers

San Francisco, Apr. 14.—Except for an occasional and infrequent sale of California sardine oil out of some holdover stocks of the past season, the fish oil market on the Pacific Coast is very quiet during these out-of-season weeks. Nothing of any consequence turned up during the last few days, although there was recorded in the Northern California area a re-sale of one or two tankcars of oil at a 52-cent per gallon figure, which at least established the position of the market as something more than a nominal one. A check of possible sellers finds very little oil in the market. Some who have a few tanks are stating 54 and 53 cents as the figures at which they might sell and such oil as this is largely in the hands of resellers, producers in the main having moved their products to market.

There is no talk as yet of actual negotiations with buyers for sale of new season oil, the first of which is expected to be produced in the Northwest during June, although it was granted that the time is now near when something of this nature can be expected. Locally, in California circles, the month of August, when production again starts, is deemed to be too far ahead for business. Upset labor conditions, given fresh impetus by the Supreme Court's ruling on the Wagner Act, will probably delay things, and for one thing, production factors will wish to have the fish tonnage price fixed before negotiations can begin.

A report last week issued by the California Fish & Game Commission showed the average yield of sardines in Northern California as 40.1 gallons to the ton. Not computed yet is the Southern California figure, which will likely be very much lower—probably in the neighborhood of from 20 to 25 gallons

Baltimore, Apr. 14.—The last week brought no additional transactions into the market for menhaden oil, and the trade was left without any guidance as to the trend in the trade. The factories down the Chesapeake Bay, of course, have no stocks of oil on hand, the last holdings having been disposed of in little lots, and as the season of operations by the fishing fleet is still a good two months off, there is no way to determine how the factories will fare. Some oil has been made on the Southern coast, to be sure, but the oil situation does not seem to have developed sufficiently to extend the influence of events there to this market. The ideas of the big buyers, of course, are much under the level of the last prices realized by the sellers here, but even if the best figures tentatively suggested are obtained, they will still be decidedly higher than those the buyers had in mind at the beginning of last season and that were adhered to during the greater part of the period.

Chicago, Apr. 16.—Buying of fish oils is moderate, with purchasers apparently staying close to their early needs in making commitments, and preferring to place orders in quite limited quantities. The price structure is firm all around.

MENHADEN.—East Coast, 44c. to 45c. per gallon.
SARDINE.—Pacific Coast, 54c. to 55c. per gallon.

Fats and Greases

Grease.—No material change was noted in the character of business last week. A fair inquiry was reported but consumers showed little disposition to purchase in advance of actual needs. The market was steady.

Lard.—Cash quotations had a downward trend at times in company with the course of futures in the West where speculative sentiment was influenced by further liberal additions to the heavy supplies of lard in storage. Domestic trade was quiet and there was apparently no improvement in the export inquiry.

Stearin.—The market had an easier tone in the absence of any improvement in demand. Quotations were reduced ¼c. per pound

Tallow.—Quieter conditions prevailed last week. There were reports of inquiries for small or moderate quantities but large consumers were apparently inclined to hold off in view of developments of the previous week. Offerings were generally light and the market apparently had a steady tone. The last business reported was at 8⅞c. per pound for extra, f.o.b. At an auction of tallow in London on Wednesday, 101 casks were sold out of offerings of 381 casks at prices showing declines of 1s. 6d. to 2s. per cwt. as compared with the last previous auction.

Following is a record of the market for tallow futures on the New York Produce Exchange from April 10 to April 16, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
April	...	...	8.60 bid	..
May	8.85	8.80	8.75@ 8.83	2
June	8.80	8.64	8.75 nom.	4
July	...	...	8.75@ 8.90	..
August	8.76	8.63	8.75 nom.	2
September	...	...	8.75@ 8.90	..
Total sales				8

Markets at Other Centers

Chicago, Apr. 16.—Buyers of lard have avoided making very large commitments and shipping trade has been of no very extensive proportions. The tallow market is off fractions, although the decline there has been comparatively small. Greases also have undergone some easing. Stearins are just about holding their own, as for some time past, in a dull market.

The range of lard quotations from the opening Saturday, April 10, to the close Friday, April 16, is shown in the following table:—

	Per 100 pounds— Open.	High.	Low.	Close.	Previous Friday.
Cash	$12.02	$12.02	$11.25	$11.25	$12.02
May	12.22	12.32	11.40	11.40	12.27
July	12.50	12.60	11.70	11.70	12.52

TALLOWS (tierces).—Edible, 9½c. to 9⅝c. per pound; prime, 9c. to 9⅛c.; fancy, 8⅞c. to 9c.; special, 8⅝c. to 8¾c.; No. 1, 8⅜c. to 8¾c.

GREASES (tierces).—Choice white, 9½c. to 9⅝c. per pound; A white, 8⅞c. to 9c.; B white, 8⅝c. to 8¾c.; yellow, 10-16, 8¼c. to 8⅜c.; yellow, 16-20, 8⅜c. to 8½c.; brown, 7⅞c. to 8c.

STEARINS (barrels).—Prime oleo, 10¼c. to 10⅜c. per pound; lard, packages, 12c. to 12¼c.; A white grease, 9½c. to 9⅝c.; yellow grease, 8⅞c. to 9c.; extra oleo stocks, 12½c. to 13c.; No. stocks, 12c. to 12¼c. (Oleo stocks in car lots.)

Liverpool, Apr. 16.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s. d.	May. s. d.	July. s. d.	Sept. s. d.
Saturday	68 0	59 3	58 9	59 0
Monday	68 0	59 3	58 9	59 0
Tuesday	66 6	57 6	57 0	57 3
Wednesday	65 6	56 6	56 0	56 3
Thursday	65 6	56 9	56 3	56 9
Friday	65 6	56 6	56 3	56 6

Liverpool, Apr. 16.—Quotations per cwt. on tallow were as follows:—

	Choice s. d.	Fine, good mixed. s. d.
Saturday	29 6	28 6
Monday	29 6	28 6
Tuesday	29 6	28 6
Wednesday	29 6	28 6
Thursday	29 3	28 6
Friday	28 9	28 0

Fatty Acids

Red Oil.—Quotations were unchanged and the tone of the market appeared to be steady. There was a fairly active demand from local and other consumers.

Stearic Acid.—Recent developments in the market for basic material found no reflection in stearic acid prices which continued to be held at former levels. Business was fairly active.

Markets at Other Centers

Chicago, Apr. 16.—While buyers of fatty acids appear to have been adhering to a policy of conservatism recently in placing orders, there is a steady tone in the market, and the total amount of business being placed currently is reaching good proportions.

FATTY ACIDS.—Corn oil, double distilled, 8¼c. to 8¾c. per pound, tankcar; 8¾c. to 9¼c., barrels, car lots; 9¼c. to 9¾c., barrels, less than car lots; coconut oil, acidulated, 9c. to 9½c. per pound, tankcar; 9½c. to 10c., barrels, car lots; 10c. to 10½c., barrels, less than car lots; cottonseed oil, double distilled, 8¼c. to 8¾c. per pound, tankcar; 8¾c. to 9¼c., barrels, car lots; 9¼c. to 9¾c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 4c. to 4¼c.; boiled down soap stock 65 percent basis, 5c. to 5¼c.; cottonseed foots, 50 percent basis, 2⅞c. to 3⅛c.

STEARIC ACID.—Single press, distilled, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼c.

RED OILS.—Distilled or saponified, drums, 11½c. to 12½c. per pound; barrels, 11⅝c. to 12⅝c.

Lever Brothers Loses Suit on Granular Soap

The Colgate-Palmolive-Peet Company and the Procter & Gamble Company won a legal victory covering patent rights on granular laundry soap from the Lever Brothers Company when the United States Circuit Court of Appeals in Chicago, April 8, reversed the findings of the United States District Court for the Northern District of Indiana in the case.

The case is one of much interest. The soaps made by the parties to the suit, in the language of the decision, are much alike. Admittedly, they dominate the field of granular washing soap. In the three years after the appearance of one of the branded products involved, the public is said to have used 500,000,000 cartons of the products of the litigating parties.

The basis of the case was the question of validity and infringement of United States patent 1,652,900, issued December 13, 1927, to Dallas R. Lamont, then an employe of the Industrial Spray Drying Company, to which the patent was assigned. A predecessor of the Colgate-Palmolive-Peet Company obtained an exclusive license and started production of "Super Suds." The Procter & Gamble Company later obtained a half-interest in the patent. The Lever Brothers Company produced a granular soap with the name, "Rinso," but the complaint alleged that the Lever product and process were changed after the bringing out of the soap produced under the Lamont process.

The patent consists of eleven claims covering both soap products and processes. The Lever company contended that the patent was invalid for want of invention; also challenged the invention on the ground that Lamont was not the first inventor.

The appeals court decision, rendered by Circuit Judges Evans and Sparks and District Judge Lindley, held the product and process claims in issue of the Lamont patent valid. It held the process claims to be infringed by the

(Continued on page 50

Waxes

Bees.—The market was routine in most respects but it was also one of substantial strength based on the cost of crude wax in the primary markets. The position of bleached and refined yellow was one of considerable strength for the same reason. Sun bleachers are ready for the active production season, but their costs this year will be high, because of the cost of raw material.

Candelilla.—Business consisted mainly of orders of the smaller sort. It was a jobbing interest that prevailed locally but it was sufficient to give prices a fairly firm undertone and to keep competition well in check most of the time.

Carnauba.—The primary market was exceptionally firm. Shippers showed little concern as to the current volume of inquiry reaching them. Their price views were strongly backed by the determination to hold aloof until such time as actual consuming requirements should force buyers into the Brazilian market. Locally, trade was somewhat slow. Stocks were ample in size and the return of larger activity must await the consumption of goods now in hand. Prices were steady enough, considering the absence of broad trading.

Japan.—Irregular request was reported locally and the result was the development of somewhat more competition than had prevailed in the recent past. However, prices in the primary market continued to be fairly firm.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

DEGRAS
COMMON • NEUTRAL
FATTY ACIDS
HEADQUARTERS FOR
LANOLIN
ANHYDROUS & HYDROUS, U.S.P.
TECHNICAL • ABSORPTION
BASE
N. I. MALMSTROM & CO. 147 LOMBARDY ST. BROOKLYN, N. Y.

DARLING'S
STEARIC ACID RED OIL PEARLSTEARIC
PITCH WHITE OLEINE GLYCERINE
DARLING & COMPANY
Manufacturers 4203 S. ASHLAND AVE., CHICAGO, ILL. Stocks in Principal Cities

MARKETS---like Seasons CHANGE!

THE pharmaceutical successes of yesterday are threatened by today's chemical research. Frequent advances, revolutionary improvements in both pharmaceutical and medicinal chemicals—these demand that the buyer be ever alert. Today—as never before—the public learns from a dozen news sources of the steady march of progress. The public expects the finest. Markets change like the seasons.

Over a period of more than 30 years, the research chemist has learned that Baker's Analyzed Reagents mean chemical purity—exactness into the decimals. Of recent years, more and more manufacturers of pharmaceuticals have learned to their profit that Baker's Fine Chemicals also mean measured purity—even by the ton.

Your priceless trademark is fully safeguarded by Baker's Fine Chemicals.

We invite you to discuss your requirements in fine chemicals with the Baker salesman. You will find him a worthy representative of the entire Baker organization. Ask for test samples to meet your specific needs.

J. T. BAKER CHEMICAL CO., Phillipsburg, New Jersey

NEW YORK	PHILADELPHIA	CHICAGO
420 Lexington Avenue	220 South 16th Street	435 North Michigan Avenue

ANALYZED REAGENTS Baker's FINE CHEMICALS

A partial list of Tonnage Fine Chemicals held under rigid control, at no price premium.

Alkali Bromides
Potassium Iodide
Magnesium Oxide
Cream of Tartar
Bismuth Subcarbonate—Subnitrate and other Salts
Caustic Potash and Soda Sticks and Pellets
Rochelle Salt
Lead Acetate
Salicylates

Baker's fine chemicals

for Pharmaceutical Manufacturers

Drugs, Fine Chemicals

Oversupply Brings Drop in Milk Powder and Cocoa Butter Prices —Codliver Oil Output Far Above Last Year—Methanol And Alcohol Statistics Issued

Drugs and fine chemicals passed through a period best described as definitely routine. Very fair demand was noted and sales volume was close to that reasonably to be expected at this season of the year. Prices were generally steady to firm and lacked signs of pending unsettlement either in the direction of weakness, or of strength. The well maintained cost of practically all raw materials gave to derived products a steadiness of under-tone that was clearly reflected in the well stabilized prices on most manufactured items.

Changes in prices came in two raw materials last week—cocoa butter, and powdered milk. Both were in oversupply, demand being considered. Both were also coming on the market from resale quarters. In the instance of powdered milk. the Federal government has bought large quantities in an attempt to check price declines. as well as to assure farmers a profitable price for their milk. In the instance of cocoa butter. nothing can be done to eliminate unsettlement until such time as major demand shall develop again.

Fine fishing in Norwegian waters kept codliver oil production sharply above that in 1936 and 1935, though it was far below the record years of 1934 and 1933. Prices held steadily abroad as leading producers expect expanding world consumption to absorb offerings promptly.

Quicksilver operations on the Pacific Coast were still hampered by rains but a gain in production was in prospect. Mercurials were firm. Tartar products seemed to be firmer in keeping with the higher cost of raw material. Bismuth metal and salts were steady. Better demand for citric and phosphoric acids was noted and the former was expected to experience a sharp rise in consumption when warm weather comes.

Acetanilide. — A moderately active market was noted. For the most part, trading was at normal limits for this season of the year and the trade as a whole reported conditions to be all that could be expected. Prices were very steady.

Acetphenetidin.—A strictly jobbing demand was reported last week. Buyers' requirements were down to seasonal normal and signs pointed to a stabilization of the movement at approximately current volume. Prices were already well stabilized.

Acid, Citric.—Warmer weather pointed to the development of a wider requirement of this material. More interest was displayed last week but the gain in actual sales was moderate. Prices continued at low and attractive levels.

Acid, Tannic.—The USP and fluffy materials had a good sized and entirely satisfactory movement into consuming channels. Prices were stable and signs of an early change in the market were not disclosed last week. Stocks covered requirements easily.

Acid, Tartaric.—The arrival of somewhat warmer weather, and the promise of an early development of Spring manufacturing requirements did considerable toward keeping the market firm on the basis of the recent rise in prices. The recent strengthening of acid prices in the world markets has been caused by the failure of raw material shipments from Spain, though that country has shipped some acid; by banking conditions that have made dealings somewhat difficult with Italy, and by none too large stocks in France have been held at advancing prices.

Agar Agar.—Very good demand confirmed prices in their recently upward trek. The trade looked for continued rise in quotations unless there shall be a substantial curtailment in manufacturing requirements. Local stocks were highly conservative.

Alcohol.—Denatured and ethyl alcohol came in for conventional but usually normal demand from manufacturing consumers. The position of grain alcohol was still one of substantial strength, notwithstanding a downward movement of moderate proportions in the grain market last week. Stocks in hand have proven adequate to cope with the present needs of industry. Statistics on industrial and ethyl alcohol covering production, withdrawals, removals, transfers and month-end warehouse stocks for the month of February, 1937, according to statistics supplied by the Alcohol Tax Unit of the Bureau of Internal Revenue, Treasury Department, and based on the operations of thirty-three plants producing industrial alcohol, thirty-eight plants producing denatured alcohol, sixty-three bonded warehouses, were as follows:—

Ethyl Alcohol

Production	17,571,531
Withdrawals, tax paid	2,094,118
For hospital, scientific and educational use	146,106
For United States and subdivisions.	131,298
For export	39,700
For denaturation	9,333,856
Transferred to vinegar plants	36,352
Stocks, February 28	19,820,937

Denatured Alcohol

	Wine gallons—Completely.	Specially.
Production	488,701	4,988,016
*Removed	424,335	4,986,141
Stocks February 28	771,482	501,436

* Including amount shipped to bonded dealers.

According to the reports from fifty-six bonded dealers, 264,301 wine gallons of specially denatured alcohol were received from the naturing plants in February. There were 259,757 wine gallons disposed of to bonded manufacturers. Shipments between dealers totaled 4,551 wine gallons. Stocks on hand at the end of the month totaled 394,284 wine gallons. The above figures are subject to change upon audit of reports rendered to the department.

Ammonia Chloride.—The active season for U.S.P. material has ended and the market has reverted to its normal dullness. Winter business was excellent and stabilized prices contributed much to the steady absorption of production. Revival of wider request will not come sooner than next Fall.

Bismuth Metal and Salts.—Business was very steady. Consumption compared favorably with that in the recent past and when the firm position of metal was considered, salts were in excellent and usually attractive price position because of the decline that competition forced in the not far distant past.

Bromine and Bromides.—Locally, no change in prices, demand, nor general market conditions was reported. An interesting statistical table concerning imports of bromine and bromides into the United Kingdom shows that in 1935, a total arrival of 15,248 hundredweights took place. Of that quantity, the United States supplied but 2,749 hundredweights. The U. K. also drew on Palestine for 7,687 hundredweights, and Germany for 4,057 hundredweights.

Caffeine.—Trade in alkaloid was very good, but the call for citrated material, as well as for hydrobromide showed curtailment in line with seasonal expectations. Prices remained very steady.

Castor Oil.—Trade was routine in character but generally normal in volume most of the time during the past week. Consumption has shown a slight curtailment, however, in keeping with the generally somewhat slower commerce throughout the country.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Cocoa butter, ½c. per lb.
Milk powder, skimmed, 1¾c. per lb.
unskimmed, 4½c. per lb.
Silver, nitrate, ¼c. per oz.
bullion, N. Y., ¾c. per oz.
London, ⅛ pence per oz.

Comparative Values

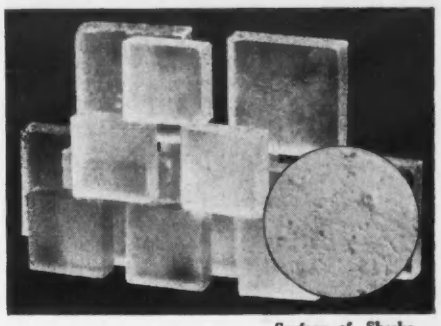
Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year
181.2	**181.2**	**181.4**	**186.5**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Every Tablet of
SHERKA CAMPHOR, U. S. P.
(*Synthetic*)
is identical in quality, purity and capacity for camphor action . . .



Surface of Sherka Synthetic Camphor U.S.P. Tablet magnified 150 times to show uniform structure and fineness.

for MEDICINAL, MOTH PREVENTIVE and OTHER PURPOSES

SHERKA

Meets all U. S. P. requirements—lower in price than the natural camphor. Tablets (½ and 1 oz.), Slabs (2½ lbs.) and Powder — all available from one source.

Write for comparative samples and prices to

SHERKA CHEMICAL CO., Inc. or **GEORGE UHE COMPANY**
Bloomfield, N. J. — Importers **80 Eighth Avenue, New York, N. Y. Distributors**

METHYLENE CHLORIDE
(Dichlormethane)
•
also
Low Boiling Chlorinated Solvents
•
Write us for quotations
BELLE ALKALI COMPANY
Belle, W. Va.

HEYDEN
fine chemicals

FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzyl Chloride
Benzoate of Soda
Benzaldehyde
Benzoic Acid
Silver Proteins
Bromides
Glycerophosphates

FINE HEYDEN CHEMICALS

HEYDEN CHEMICAL CORP.
50 UNION SQUARE NEW YORK, N.Y.
CHICAGO BRANCH: 180 N. WACKER DRIVE
factories: GARFIELD, N.J. - PERTH AMBOY, N.J.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City
C/P

To Users of Glycerine
So far as we know, there is no 100% substitute for glycerine. We may, however, have a product which, for your purpose, will give you 100% satisfaction. Let us have your specifications and we will tell you what we can offer.
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
225 West 34th Street, New York City
Factory—Elizabeth, N. J.

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular
Impalpable
NATIONAL MILK SUGAR CO., Inc.
350 Madison Avenue, New York, N. Y.

The World Renowned Benckiser
TARTARIC ACID
CRYSTALS—POWDER—GRANULAR
Guaranteed U. S. P.
OBTAINABLE FROM
WILLIAM NEUBERG, INC.
441 Lexington Avenue, New York City
MUrray Hill 6-1990

CHICAGO, April 15.—Castor oil is fairly active at this time, although prices continue quiet and without change. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Chloral Hydrate.—Business was substantial and generally steady but it lacked the element of expansion. Buyers' requirements appeared to be fairly well stabilized. The undertone of the market was steady and prices were generally firm.

Cinchophen.—No change in prices has taken place for some time past and so far as could be ascertained, no change was pending last week. The market was generally on the firm side with consumption taking up production promptly and in a volume preventing an accumulation of surplus supplies that might weaken undertones later on.

Cocoa Butter.—Because of demand being quiet and confined mainly to jobbing quantities of this article, and also because of the fact that substantial quantities of resale goods have come on the market, quotations on this item in car lot quantities were lower at 25c. to 25¼c. per pound last week.

Codliver Oil.—Fishing conditions in Norwegian waters continued favorable. A marked absence of storms of a violence to check fishing operations have assisted the producers of oil to maintain an excellent output of the material. The production is well ahead of that of last year, as well as somewhat larger than that in 1935, but it was still far under the banner year of 1934, and was considerably below that in 1933. Prices held steady.

BERGEN, Mar. 31.—Last week 7,685 barrels of crude medicinal codliver oil were produced in the Lofoten district and during the same time the other fishing districts in Norway had a total output of 446 barrels. Output is now quite a good deal ahead of the poor years of 1936 and 1935, whereas it is still far behind that of 1934 and 1933. According to the official report issued yesterday, the total catch and production in Lofoten so far compare with previous years as follows:—

	Fish, kilos.	Crude oil, barrels.
1937	57,800,000	27,711
1936	33,000,000	17,365
1935	39,200,000	24,280
1934	70,500,000	42,731
1933	70,100,000	39,743

The figures for the entire country are the following:—

	Fish, kilos.	Crude oil, barrels.
1937	92,000,000	42,916
1936	61,400,000	28,959
1935	57,500,000	32,548
1934	88,300,000	50,808
1933	91,600,000	49,149

Glycerin.—Slowly but more or less steadily the strained position of the glycerin market appeared to be easing. Supplies of foreign crude have been coming in increasing quantities. Furthermore, the excellent production of soap in the domestic market has increased glycerin recovery by soapmakers so equipped. Pricewise, the market lacked quotable change so far as refined and dynamite grades were concerned. The following tabulation of annual imports of crude glycerin may hold some interest.

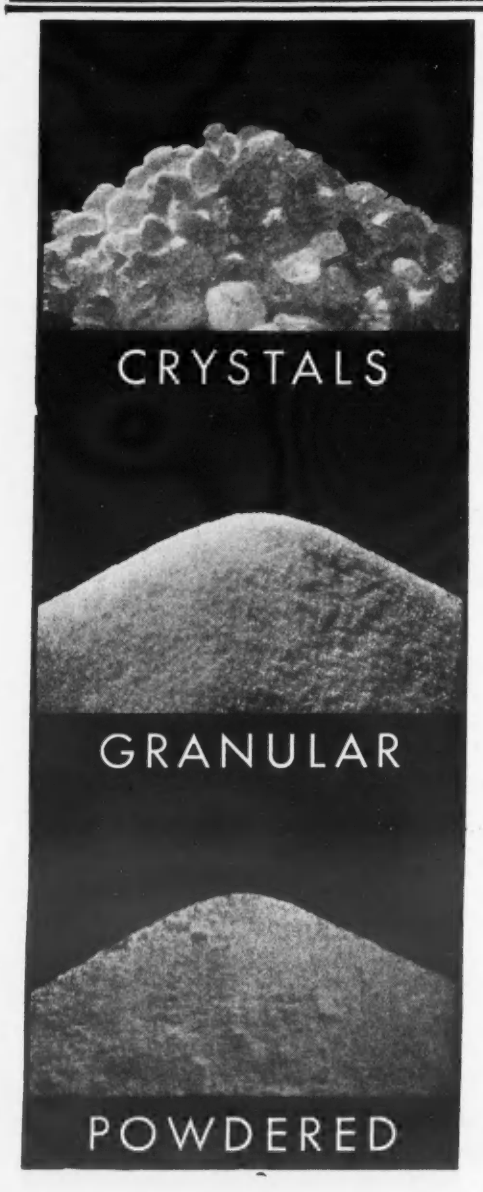
	Pounds.
*1936	11,148,985
1935	8,220,934
1934	15,081,227
1933	8,473,085
1932	5,382,252
1931	10,132,963

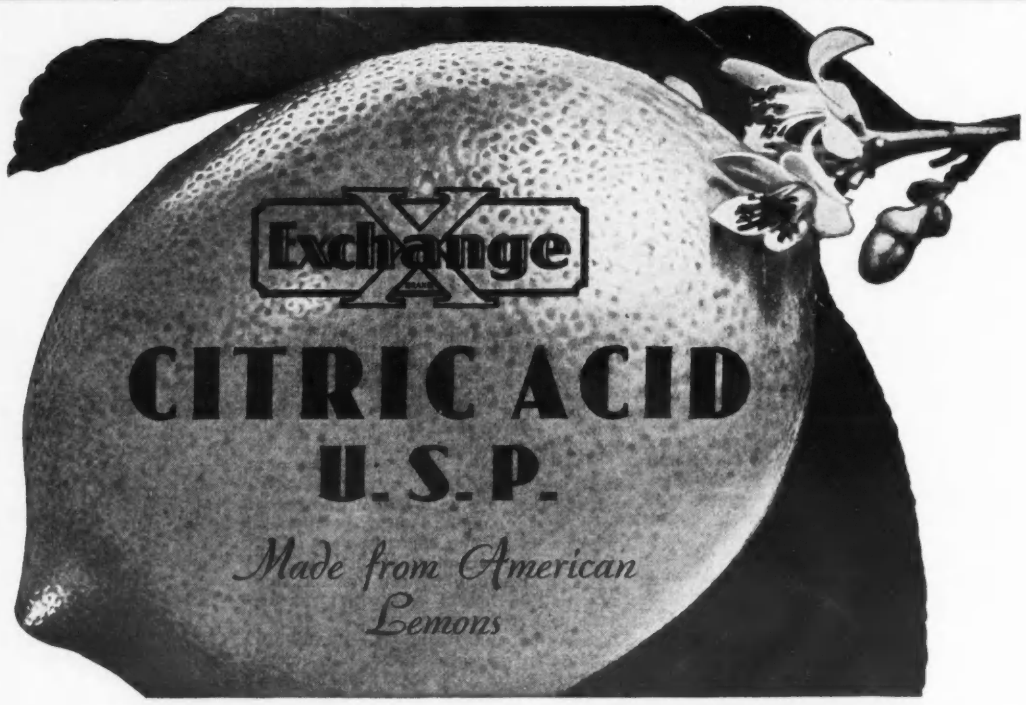
* Preliminary.

CHICAGO, April 15.—Glycerin is moving steadily. Sellers are taking a firm position on c.p. and other grades. Ruling prices are:— C.p., drums, car lots, 29c. per pound; drums, less than car lots, 29½c.; cans, less than car lots, 30c. to 32c., according to quantity; dynamite, car lots, 29c.

Methanol.—Although the makers of natural methanol advanced prices on one of the other products of destructive distillation of wood, they made no change in the recently established prices on methanol. Lime acetate and charcoal are two of the byproducts of methanol manufacture. The market was generally steady in undertone and prices on pure and synthetic material were identical. French production, it was estimated, is between 310 and 330 metric tons, while production capacity is said to be something like 770 metric tons monthly. These estimates show an in-

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7





Exchange Citric Acid U.S.P. is made by the Exchange Lemon Products Company of Corona, Calif. Backed by the Sunkist group of 13,500 citrus growers—largest in the world. Immediate shipments from warehouse stocks in New York, Chicago and Philadelphia. For prices on kegs, barrels or carloads, write nearest office.

Products Department
CALIFORNIA FRUIT GROWERS EXCHANGE
ONTARIO, CALIFORNIA
189 W. Madison Street, Chicago, Illinois
99 Hudson Street, New York, N. Y.

Copr., 1936, Products Dept., California Fruit Growers Exchange

Narcotic Handlers Urged to Register

WASHINGTON, Apr. 15.

The Bureau of Narcotics is reminding retail and wholesale druggists that their annual registration under the Harrison anti-narcotic act must be perfected before July 1, in order to correct an apparent impression that it is not necessary to make application for registration until the month of July.

Druggists in States which have the uniform State narcotic law are further reminded that, under the revenue act of 1936, the bureau may not register them under the Harrison law until they submit evidence that they are properly qualified under their State laws. Wholesalers must secure State licenses, and retailers must show that they are properly qualified as pharmacists under the State pharmacy laws.

crease from 250 tons output and 750 capacity in 1935. Imports of pure methanol into France decreased in 1936 to 8,400 tons due to import restrictions and customs duties. It is reported, however, that the relatively large share of the United States (29,800 kilos) in such imports in 1934 is to be considered as exceptional. Monthly statistics on production of crude and synthetic methanol, representing practically the entire output of these commodities in the United States, have been released by Director William L. Austin, Bureau of the Census, Department of Commerce. The data for the months of 1937 include production figures for twenty-nine manufacturers; 1936, thirty-three makers. Wood carbonized amounted to 53,813 cords in January, and 50,410 cords in February, 1937; comparing with 50,717 cords in January, and 49,044 cords in February, 1936.

Production

	Gallons			
	Crude.* 1937.	Synthetic. 1937.	Crude.* 1936.	Synthetic. 1936.
Jan. ...	525,070	1,835,815	494,081	1,418,863
Feb. ...	500,685	1,849,302	494,144	1,540,171
Totals	1,025,755	3,685,117	988,225	2,959,034

* The refined equivalent would be approximately 82 percent of the crude production.

Methyl Acetone.—A fair degree of stability prevailed. Natural material was priced far below the synthetic article, judging from openly acknowledged price schedules. So far as could be learned, it is the intention of manufacturers of synthetic material to maintain the schedule and to ignore the highly competitive price at which natural methanol was being marketed.

Milk Powder.—A substantial surplus of supplies has developed and has led to buying by the Federal government for the purpose of assuring to the farmers a fair price for their milk, and also to check the decline in powdered milk prices. The market was lower as follows:—skimmed, roller, car lots, 8½c. per pound; less than car lots, 9½c.; spray, car lots, 9½c.; less than car lots, 10½c.; unskimmed, roller, or spray, car lots, 17c.; less than car lots, 17½c.

Quicksilver.—A reasonably stable market prevailed locally. Certainly it was true that the well maintained prices were in line with the absence of large offerings of domestic material from the West. Also, foreign market prices lacked all elements of weakness. The Spanish mines were strongly held by the government as the result of the recent series of successful offenses against the rebel troops. Not much metal was coming from Spain into the world markets, Italy getting most of the business because she can assure prompt shipments.

SAN FRANCISCO, April 12.—The quicksilver market appears to be firm. Sellers report demand to be mostly routine. Consumption takes up production promptly but buyers do not press for stocks. Rains are continuing to hold production up somewhat.

Quinine.—Business was probably somewhat less active than it had been, but the movement was still considered to be very good, and values were fully firm in all directions. The domestic makers have had an excellent volume of trade during the past six months.

Santonin.—Leading sellers report difficulty in stirring manufacturing consumers to activity. For some reason the development of a broader request has been held in check, and the result has been a continuation of quite low prices on this market.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
	Nitrate. Cents.	Bullion New York. Cents.	Bullion London. Pence.
Saturday	33⅜	46¼	20 1/16
Monday	33⅜	46	21 7/16
Tuesday	33⅜	46	21⅛
Wednesday	33⅜	45⅝	20 1/16
Thursday	33⅛	45½	20 1/16
Friday	33⅛	45¼	20 1/16

Soda Benzoate.—Shipments to manufacturing consumers showed a gain, and new sales were on the rise because of seasonal influences. Prices were generally steady to firm in all directions.

Soda Cacodylate.—Normal quantities were moving into consumption at $6.50 per pound for twenty-five-pound jars. Bottles containing five pounds were quoted at $6.82. The general situation was one of considerable stability.

Strychnine.—With Spring at hand, attention of the producers of this article, used for the killing of rodents in agricultural areas, was centered on the probable requirements of the country during the months ahead. As yet no call for official bids have been reported.

Tartar Products.—All were firm. Cream of tartar moved well at full prices. Seidlitz mixture was fully maintained. Tartar emetic was clear of all weakness. The group reflected the rising cost of manufacture as the result of the higher prices being paid for argols in European centers of supply.

Drug-Chemical Buyer Wanted by N.Y. City

The Civil Service Commission of the City of New York will receive until 4 p. m. May 14 applications for examination for a position as buyer of drugs and chemicals. Application blanks may be obtained by mailing a request, with full return postage, to the commission, room 1400, Municipal building, Manhattan. Applicants must be between thirty and forty-five years of age.

The position, which carries an annual salary of $3,500 to $4,000, with pension and fair sick leave, requires the incumbent to receive and review specifications, investigate sources of supply, interview dealers and agents, receive requisitions and award orders for the purchase of drugs, medicines, sundries, and chemicals, including dry and liquid cleaning compounds. Five years' satisfactory successful experience in such work is required.

Candidates must have a recognized degree in pharmacy or chemistry and must be registered as pharmacists in New York. They will be examined also with respect to their appearance, manner, speech, judgment and physical qualifications.

Fertilizer formula-disclosure is proposed in Georgia in house bill 722 in the State legislature.

DOW SALICYLATES

Early yesterday this young lady felt miserable. A nagging headache threatened to spoil an enjoyable holiday. From her druggist she purchased a box of Aspirin . . . her headache disappeared . . . her trip was a shining success.

As one of the largest producers of Salicylates in this country, it is most likely that the Aspirin she bought was made by Dow.

What greater incentive to produce to the best of one's ability could exist than the constant reminder that human happiness is involved? Through more than forty years, Dow has grown to a leading place in American chemical production but it has not, and never will, lose sight of its participation in the lives of people.

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MIDLAND, MICHIGAN

Branch Sales Offices: 30 Rockefeller Plaza, New York City Second and Madison Streets, Saint Louis • 135 South La Salle Street, Chicago

DOW

DOW SALICYLATES

Salicylic Acid, U.S.P. . . Acetyl Salicylic Acid, U.S.P. Granulation, 10% Starch (White, Pink and Green) also 16% and 20% Starch (White) . . Salol, U.S.P. . . Ammonium Salicylate, U.S.P. . . Sodium and Strontium Salicylates, U.S.P. . . Magnesium Salicylate and Methyl Salicylate, U.S.P.

A PARTIAL LIST OF DOW PHARMACEUTICAL CHEMICALS

Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P. (Solution or Crystals) • Acetyl Salicylic Acid, Granulation, 10% Starch (White, Pink, Green) also 16% and 20% Starch (White) • Methyl Salicylate, U.S.P. • Salicylic Acid, U.S.P. • Sodium Salicylate, U.S.P. • Minor Salicylates • Sodium Benzoate, U.S.P. • Strontium Bromide, U.S.P., IX • Tetrachlorethylene, Purified • Trichloracetic Acid, U.S.P.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-thirty-seventh Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Ammonium Chloride

(Sal Ammoniac)

(Additional uses—supplementary to list printed in the OIL, PAINT AND DRUG REPORTER *for February 26, 1934, page 23)*

Adhesives and Glues

Ingredient of—
- Adhesives
- Cold-water glue containing also condensation products of urea or thiourea, with an aldehyde, starch, and sulphuric acid (French 697874)
- Fireproof adhesives
- Vegetable glues

Agricultural

Ingredient of—
- Cattle feeds

Beverage

Ingredient of—
- Mineral waters

Brewing

Reagent (U.S. 1475494) in propagating—
- Yeast

Ceramic

Reagent in—
- Coloring porcelain

Chemical

Catalyst in making—
- Diphenylamine (U.S. 1422494)
- Urea

Decomposing agent for—
- Barium carbonate

Dehydrating agent for—
- Rare earth chlorides

Purifying agent for—
- Manganese dioxide
- "Recovered" manganese dioxide (U.S. 1518637)

Reagent in making—
- 3-Acetyl-4-hydroxy-5-nitrobenzene-arsonic acid (U.S. 1425930)
- Alphahydroxy acids, such as alpha-hydroxyisobutyric acid (U.S. 1479874)
- 2-Aminoanthraquinone
- N-(4-amino-1'-naphthyl)paratoluene-sulphonamide (U.S. 1442818)
- 4-Amino-1-(paratolylsulphonamide)-naphthalene-2-sulphonic acid (U. S. 1442818)
- 4-Amino-1-(paratolylsulphonamide)-naphthalene-6-sulphonic acid (U. S. 1442818)
- 4-Amino-1-(paratolylsulphonamide)-naphthalene-7-sulphonic acid (U. S. 1442818)
- 4-Amino-1-(paratolylsulphonamide)-naphthalene-8-sulphonic acid (U. S. 1442818)
- Ammonium bisulphate (U.S. 1479874)
- Ammonium carbonate (U.S. 1473966)
- Ammonium chloroplatinate
- Ammonium cyanate
- Ammonium perchloride (U.S. 1453984)
- Ammonium phosphate
- Ammonium silicate
- Ammonium sulphate (U.S. 1420129)
- Ammonium-magnesium chloride
- Antimony sulphide
- Arsenic compounds (U.S. 1425930)
- Arsenic derivatives (U.S. 1425931)
- 4-Arsinosoacetophenone
- Barium chloride
- Cadmium sulphide
- Carbohydrate phosphoric acid esters
- Cobalt hydroxide
- Copper chloride
- Copper hydroxide
- Copper sulphide
- Diphenylguanidin (U.S. 1422506)
- Hexamethylenetetramine, with formaldehyde (French 650395)
- Lead salts, such as the chloride, chromate, hydroxide, sulphate, sulphide
- Magnesium (U.S. 1457225)
- Magnesium carbonate (basic)
- Magnesium chloride
- Magnesium-ammonium chloride
- Mercury sulphide
- Methylamines
- Nickel catalysts
- Nickel hydroxide
- Methyl-6-methyl-4-quinolyl ketone
- Methyl-4-quinolyl ketone
- Normal-methylanilin
- Normal-para-arsinophenylalpha-phenylglycinamide
- Normal-para-arsinophenylglycinanilide
- Normal-N'-bis(4-amino-1-naphthyl)-metabenzenedisulphonamide (U.S. 1442818)
- Normal-N'-bis(4-amino-1-naphthyl)-2:6-naphthalenedisulphonamide (U.S. 1442818)
- Normal-N'-bis(4-amino-2-sulpho-1-naphthyl)metabenzenedisulphonamide (U.S. 1442818)
- Normal-N'-bis(4-amino-6-sulpho-1-naphthyl)metabenzenedisulphonamide (U.S. 1442818)
- Normal-N'-bis(4-amino-7-sulpho-1-naphthyl)metabenzenedisulphonamide (U.S. 1442818)
- Normal-N'-bis(4-amino-8-sulpho-1-naphthyl)metabenzenedisulphonamide (U.S. 1442818)
- Paracoumarone (U.S. 1413558)
- Parahydroxyphenylstibnic acid
- Paraindene
- Phenyl-4-quinolyl ketone
- Phenylstibnic acid and its oxychloride and sodium salt
- Potassium salts, such as the chlorate, chloride, hydroxide
- Potassium sulphate (French 662704)
- Propanetriol
- Silicic acid
- Silver salts, such as the chloride and sulphide
- Sodium tungstate
- Strontium chloride (French 636331)
- Urea
- Zinc salts, such as the chloride, carbonate, sulphide

Separating agent for—
- Magnesia in making pure calcium carbonate from dolomite (French 700455)
- Calcium salts in making magnesium oxide from dolomite (French 711022)

Settling agent for—
- Manganese dioxide suspensions

Stabilizing agent for—
- Potassium-mercuric iodide

Starting point in making—
- Catalysts for nitric acid manufacture

Coke By-Products

Absorbent for—
- Carbon monoxide

Remover of—
- Hydrogen from carbon monoxide

Construction and Building

Ingredient of—
- Artificial building stone
- Building blocks
- Cements
- Cements containing waste asbestos
- Insulating compositions (heat and cold)

Disinfectant

Ingredient of—
- Antiseptics
- Germicides

Dye

Reagent in making—
- Anilin black

Electrical

Exciter in—
- Dry batteries

Ingredient of—
- Depolarizers for dry batteries
- Dry batteries (U.S. 1518638 and 1521295)
- Electrical conducting cements (U.S. 1468930)
- Electrolytes

Reagent in making—
- Electric vapor lamps

Regenerating agent for—
- Dry batteries

Starting point in making—
- Cathodes
- Copper oxide electrodes
- Depolarizers
- Electrical connections to carbon brushes (U.S. 1485942)

Explosives and Matches

Ingredient (French 685768) of—
- Compositions used in making phosphorescent zinc sulphide

Smoke cloud producer in—
- Military maneuvers

Starting point in making—
- Explosive retardants

Temperature reducing agent in—
- Explosives

Fertilizer

Extractant (French 681375) for—
- Potash

Ingredient of—
- Fertilizer composition, containing also ammonium nitrate, potassium chloride, and sodium chloride (French 654017)
- Fertilizer compositions, containing also ammonium nitrate, potassium chloride, and potassium nitrate (French 679017)
- Fertilizer composition, containing also potassium bicarbonate, magnesium carbonate, ammonium sulphate, and ammonium phosphate (French 677899)
- Fertilizer composition, containing also potassium chloride and phosphoric acid (Brit. 305132)

Starting point (French 687187) in making—
- Soluble fertilizer, with phosphoric acid

Treating agent for—
- Leucite, in potash manufacture (U.S. 1452186)
- Phenolite, in potash manufacture
- Greensand, in potash manufacture

Fire Protection

Fireproofing agent for—
- Cellulose
- Cloth

Ingredient of—
- Chemical fire-extinguishing agents
- Fireproofing compositions
- Fireproofing mixtures, with ammonium phosphate, for treating all kinds of materials (French 594784)
- Fireproofing mixture, with ammonium benzylnaphthalenesulphonate, for treating wood and other inflammable materials (French 665464)
- Fireproof sizings for paper
- Fireproof starch pastes for paper
- Textile fireproofing mixture, containing also ammonium carbonate, boric acid, sodium chloride, ammonia, and water (French 686144)

Food

Ingredient of—
- Bread doughs
- Bread leavener, containing also calcium sulphate and potassium bromate (French 540157)
- Compositions of persalts and peracids used as activators of atmosphere in grain-storage buildings (French 671014)

Purifying agent for—
- Gelatin

Reagent (U.S. 1475494) in—
- Propagating yeast

Fuel

Ingredient of—
- Compositions for treating coke, anthracite, and bituminous coal (U.S. 1493403)
- Liquid fuel composition (U.S. 1501383)

Furniture

Fireproofing agent for—
- Bedding
- Excelsior substitutes

Glass

Ingredient of—
- Glass batch (U.S. 1482389)
- Glass-coloring agent

Gum

Reagent in making—
- Artificial gums

Insecticide

Ingredient (French 733973) of—
- Colored fumigating composition which is both irritant and toxic

Leather

Reagent in dyeing—
- Animal skins with sulphur dyes
- Moleskins

Starting point in making—
- Fillers for shoe leather

Linoleum and Oilcloth

Ingredient of—
- Linoleum substitutes

Lubricant

Ingredient of—
- Fireproof lubricating oils
- Lubricants

Mechanical

Ingredient of—
- Carbon removers for internal combustion engines
- Compositions for coating cylinders of internal combustion engines
- Compositions for repairing scored cylinders

Metallurgical

Agglomerating agent (U.S. 1428061) for—
- Ores

Case-hardening agent for—
- Bearing metals (French 576736)
- Iron (French 640681)
- Steel (U.S. 1495446)

Crystallizing agent for—
- Brass surfaces

Electrolyte in—
- Brass plating (U.S. 1515042)
- Copper plating
- Gold plating (U.S. 1515042)
- Silver plating (U.S. 1515042)
- Tin plating (U.S. 1426678)
- Zinc plating (U.S. 1419839)

Etching agent for—
- Brass
- Iron
- Copper
- Steel

Flotation agent for—
- Minerals (U.S. 1397703)

Fluxing agent in—
- Aluminum-coating copper
- Aluminum-coating iron
- Aluminum-coating iron retorts (U.S. 1454708)
- Copper-coating iron
- Copper-coating steel (U.S. 1484690)
- Lead-coating iron and steel
- Lead-alloy-coating iron
- Platinum-coating aluminum and other metals (U.S. 1274995)
- Tin-coating iron
- Tin-alloy-coating iron

Fluxing agent in making—
- Die plates

Ingredient of—
- Cleansing agents for castings (French 556158)
- Cleansing and pickeling agents for galvanized iron (French 620770)
- Electrolytic deleading baths (French 661253)
- Electrolytes for depositing aluminum on aluminum (French 523696)
- Etching agents for brass
- Etching agents for copper
- Etching agents for nickel
- Etching agents for steel
- Flux for lead-coating metal surfaces (French 504228)
- Hot galvanizing fluxes (zinc and zinc-aluminum alloys (French 701259)
- Iron hardening solution (U.S. 1351961)
- Nickel plating baths for iron
- Quenching agents for steel (U.S. 1304946)
- Quenching and tempering solutions, compounds, and compositions for steel treating
- Soldering fluxes
- Soldering agents for tin, aluminum, and other metals (French 515619)
- Tinning compounds and fluxes (U.S. 1431395)

Precipitating agent for—
- Platinum

Reagent in—
- Extracting lead and zinc from their ores (French 596147)
- Extracting tin from its ores (French 672324)
- Gold recovery and refining
- Lead recovery from sulphide ores
- Lead refining
- Separating titanium from iron

Reagent in making—
- Platinum sponge

Refining agent (French 573048) for—
- Bronze

Rust-removing agent for—
- Iron

Sealing agent for—
- Porous aluminum castings

Surface-brightening agent (French 614964) for—
- Galvanized steel or iron products

(To be continued)

4-Nitro-5-aminobenzotrifluoride-2-sulphonic Acid

Dye

Intermediate (Brit. 446532) in making various dyestuffs

Animal and Vegetable Fats and Oils Consumption in U.S.: 1936

Factory consumption of primary animal and vegetable fats and oils in the United States during the calendar year 1936 totaled 4,784,226,000 pounds, compared with 4,494,287,000 pounds in 1935. The distribution of this consumption by classes of products in which used is indicated in the appended tables prepared by the Bureau of the Census, Department of Commerce, which compiled the statistics from the quarterly reports to the bureau by various concerns supplemented by special statements covering the entire year for those manufacturing more than one class of products.

Data for oleo stock were not collected, hence the secondary products, edible animal stearin and oleo oil, are shown. Total consumption for each item in all industries is shown, except for those vegetable oils for which the crude and refined products are indicated, such as cottonseed, coconut, corn, peanut, palm-kernel, and soybean oils. For each of these a net consumption was arrived at by deducting from the total of both crude and refined consumed the quantity of refined produced.

Oils subjected to the process of hydrogenation or other treatment for special uses were reported as consumed in the products for which intended. Oils treated for soap manufacture are entered in the column headed soap, and oils intended for edible purposes are entered in one or more of the columns covering edible products. The ultimate uses of the primary oils are designated in the same way.

Factory Consumption of Primary Animal and Vegetable Fats and Oils in 1936

Kind.	Total.	Compounds and vegetable shortenings.	Oleomargarin.	Other edible products.	Soap.	Paint and varnish.	Linoleum and oilcloth.	Printing inks.	Miscellaneous products.	Loss including foots.
Cottonseed oil	1,302,827,000	918,866,000	108,106,000	178,330,000	1,278,000	34,000	.....	15,000	2,281,000	93,917,000
Peanut oil	103,735,000	88,470,000	4,140,000	2,419,000	1,734,000	.....	.....	.....	44,000	6,928,000
Coconut oil	602,273,000	38,427,000	150,465,000	60,020,000	307,376,000	771,000	.....	1,000	3,939,000	41,274,000
Corn oil	72,132,000	430,000	1,238,000	51,017,000	2,527,000	123,000	.....	.....	3,967,000	12,830,000
Soybean oil	184,563,000	113,897,000	14,262,000	21,598,000	5,023,000	14,471,000	2,886,000	62,000	3,405,000	8,859,000
Olive oil, edible	4,312,000	.....	.....	3,972,000	53,000	.....	.....	.....	287,000	.....
Olive oil, inedible	10,458,000	.....	.....	.....	1,634,000	.....	.....	.....	8,824,000	.....
Sulphur oil or olive foots	24,577,000	.....	.....	.....	23,965,000	.....	.....	.....	612,000	.....
Palm-kernel oil	44,104,000	627,000	2,400,000	12,490,000	26,443,000	.....	.....	.....	54,000	2,090,000
Rapeseed oil	50,900,000	30,572,000	9,000	808,000	7,771,000	168,000	13,000	.....	10,182,000	1,383,000
Linseed oil	305,330,000	.....	.....	.....	1,482,000	233,340,000	50,076,000	14,968,000	5,464,000	.....
Chinawood oil	107,875,000	.....	.....	.....	2,000	94,642,000	7,131,000	2,331,000	3,769,000	.....
Perilla oil	80,019,000	.....	.....	.....	8,000	53,222,000	17,717,000	1,940,000	7,132,000	.....
Castor oil	31,855,000	.....	.....	.....	1,623,000	3,766,000	1,066,000	158,000	25,242,000	.....
Palm oil	301,373,000	168,808,000	1,402,000	195,000	78,453,000	1,000	.....	2,000	*24,449,000	28,063,000
Sesame oil	55,335,000	33,120,000	57,000	16,728,000	1,869,000	.....	.....	.....	21,000	3,540,000
Sunflower oil	1,230,000	208,000	5,000	929,000	.....	97,000	.....	.....	.....	.....
Babassu oil	35,764,000	5,368,000	16,114,000	2,995,000	8,903,000	.....	.....	.....	36,000	2,258,000
Other vegetable oils	43,904,000	15,640,000	442,000	5,025,000	4,268,000	4,614,000	6,758,000	.....	4,955,000	2,202,000
Lard	7,318,000	4,503,000	2,198,000	471,000	9,000	.....	.....	5,000	63,000	69,000
Edible animal stearin	44,918,000	36,358,000	3,550,000	4,370,000	320,000	.....	.....	.....	320,000	.....
Oleo oil	21,782,000	1,839,000	18,331,000	467,000	57,000	.....	.....	.....	1,088,000	.....
Tallow, edible	118,908,000	116,908,000	.....	1,412,000	228,000	.....	.....	2,000	334,000	114,000
Tallow, inedible	725,974,000	.....	.....	.....	660,020,000	135,000	.....	7,000	65,265,000	547,000
Grease	204,532,000	.....	.....	.....	98,714,000	94,000	.....	468,000	104,792,000	464,000
Neatsfoot oil	5,727,000	.....	.....	.....	41,000	7,000	.....	1,000	5,647,000	31,000
Marine animal oils	35,388,000	.....	.....	.....	32,603,000	17,000	.....	11,000	2,747,000	10,000
Fish oils	257,017,000	36,649,000	.....	.....	128,044,000	35,780,000	16,235,000	235,000	36,914,000	3,160,000
Totals	4,784,226,000	1,610,690,000	322,719,000	363,237,000	1,394,538,000	441,282,000	101,882,000	20,206,000	321,833,000	207,839,000

Milestones of Past, Future in Industry

(Continued from page 32)

search to establish basic principles. The results as with all other big undertakings will develop gradually step by step over a considerable period of time.

In the long run we must not depend upon laws and legislation but rather the establishment of confidence, understanding, and good will. This will come when it is justified, and not until then.

It will not come from the payment of a mere "living wage"—the future holds more than that for the working man—and we all want it to.

More Than a "Living Wage"

It is time every employer thought in terms of how much, and not how little, he can pay his employes. That's not only the human thing to do but the good business thing to do and the surest protection for our institutions and our form of government for the future. We must think, too, in terms of providing the maximum security for working people and their jobs and provide such leisure time as possible in order that those who work may be able to live fuller and better lives in the future.

Such a study of this subject must also include a proper consideration of both management and capital—so essential to our continued welfare and prosperity. The wells of wealth consisting of working capital, materials, and purchasing power must not be dried up, otherwise the many advantages which the people in this country enjoy today would cease to exist. For after all, it is business and profits from business which have made possible the building of our great cities, the providing of educational and recreational facilities and all of the other things which go to make America the greatest nation in the world.

Such an undertaking as I suggest necessarily implies an organization with sufficient funds to engage the most competent men to devote their full time to the job until it is completed. If the business interests of the country would participate in the cost of this work in accordance with their interest it would be individually a very small expense and one destined to pay tremendous dividends.

Perhaps we have done our part in creating national discontent a little faster than we can take care of it. Perhaps we have been too busy up to the present time to think about it. Now, it seems obvious, we must think about it. I never did have a very high regard for the ostrich which, faced with an emergency, buries his head in the sand and thus makes vulnerable the part of his anatomy that supplies those highly valued tail feathers.

The Problem Is Ours

We are assuredly on the threshold of another period of adjustment of our national life and are faced with new problems which can and will be solved. They will be solved sooner and better if we face the facts. We have passed through other periods of readjustment, each different and each difficult. The period we are facing may be the most difficult of all and require more statesmanship, more leadership, more patience, and more "give and take" than anything our country has gone through in the past.

But the problem is ours. We have surmounted mechanical difficulties without number as the need became apparent. I know that the "human relations" problem can and will be met when industry, out of its experience, its resources, and its energy, surveys the basic facts, accepts its share of responsibility for the solution and, in the spirit of enlightened selfishness, applies itself to the job.

A. J. Wittenberg, president of the Stroock & Wittenberg Corporation, varnish gums, this city, en route home from the East Indies, visited the Golden Gate Paint, Varnish and Lacquer Association April 9, at its meeting in San Francisco and gave the members an interesting account of his trip.

Cuban Manganese Ore Output Facilities Greatly Improved

Development of a shortage in 50-52 percent manganese ore of Russian, South African, Brazilian and Indian origin has focused attention on the improved production facilities, installed at the cost of approximately $500,000, at the Santiago, Cuba, plant of the American-owned Cuban-American Manganese Corporation.

By virtue of the new production facilities, the Cuban plant is producing 50-52 percent manganese nodules at the rate of 7,000 tons a month, and 41-43 percent jig concentrates at a rate of 3,000 tons a month. A nodulizer of the latest type, never before used on this side of the Atlantic for the treatment of manganese, has been obtained from F. L. Schmidt & Co., of Denmark. It is a rotary kiln with a capacity of 300 tons a day. Also in use is an improved process for the flotation of manganese oxide.

The shortage in Russian, South African, Brazilian and Indian manganese ore is the outgrowth of the heavy rearmament program by European countries, together with a high level of production in the iron and steel industry in the United States. The average of steel production from January 1, 1937, to March 1 was 83.05 percent of capacity.

Schwabacher & Co. Offers Two New Naphthenic Soaps

Two new varieties of naphthenic soap are being introduced by S. Schwabacher & Co., importer of special petroleum products, this city. One of the new soaps is a soluble residue; the other is insoluble. The first is said to form a transparent solution with hot water; the insoluble variety dissolves in hot water, but the solution is slightly opaque. Both varieties are reported to be alkaline in reaction.

Pursuant to analyses of these two naphthenic soaps, the W. S. Purdy Company, firm of consulting chemists, reports as follows on their composition and characteristics:—

	Soluble.	Insoluble.
Water	6.5%	3.5%
Ash	12.9%	16.2%
Mineral oil	1.5%	1.3%
Naphthenic acid	31.9%	77.9%
Specific gravity (15.5° C.)	1.0463	0.9841
Free alkali (as NaOH)	0.17%	0.6%
Cold test	0° F.	—5° F.

National Lead Business Reaches Highest Level

The National Lead Company's current business is at its highest level in many years and possibly better than at any time in the history of the company, according to a statement made by Edward J. Cornish, chairman of the board of directors, at the annual meeting of the stockholders of the company held April 15 in Jersey City, N. J. In comment on dividends, Mr. Cornish said:—

I do not know whether we will be permitted to use surplus to insure continuity of dividend payments or not. There seems to be a spirit abroad that when you have something you must divide it. That has not been the policy of National Lead Company in the past. We have never declared a dividend or raised the usual dividend unless directors could see the ability to maintain the payment as far in the future as reasonable men should attempt to see. I am not making any promise to you, therefore, of any increased dividend.

Fred M. Carter, president, and all other officers were re-elected. Mr. Cornish and four other directors, W. C. Beschorman, W. H. Croft, Henry G. Sidford and G. W. Thompson, were re-elected to the board for three-year terms.

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Mothproofing

Substances Used as Repellants of Clothes Moths

(Continued from April 12 issue)

Bis(5-chlor-2-hydroxyphenyl)-2'-sulphophenylmethane
Bis(5-chlor-2-hydroxyphenyl)-3'-sulphophenylmethane
Bis(6-chlor-2-hydroxyphenyl) 2'-sulphophenylmethane
Bis(5-chlor-2-hydroxyphenyl)-2':4':6'-trichlor-3'-hydroxyphenylmethane
2:6-Bis(4'-chlor-2'-hydroxysulphonalide)-4-chlor-1-phenol
Bis(5-chlor-2-methoxy-3-methylphenyl)-2'-sulphophenylmethane
Bis(5-chlor-2-methoxy-3-methylphenyl)-4'-sulphophenylmethane
Bis(5-chlor-2-methoxy-3-methylphenyl)-4'-sulphophenylmethane
Bis(5-chlor-2-methoxyphenyl)-5'-chlor-2'-sulphophenylmethane
Bis(5-chlor-2-methoxyphenyl)-2'-sulphophenylmethane
Bis(4-chlor-1-naphthol)-2-methane
2:4-Bis(4'-chlorosulphonoanilide)-5-chlor-1-phenol
2:6Bis(4'-chlorosulphoanilide)-4-chlor-1-phenol
Bis(4-chlor-1-phenol)-2-sulphobenzidide
Bis(4-chlor-1-phenol)-2-sulphobenzidin
Bis(4-chlor-1-phenol)-2-sulphoethylenediamide
Bis(1:2-dichlorobenzene)-4-sulpho-1-acetylamino-2':4'-phenylenediamide
Bis(1:2-dichlorobenzene)-4-sulpho-1'-acetylamino-2':4'-phenylenediamide
Bis(1:4-dichlorobenzene)-2-sulphobenzidide
Bis(1:2-dichlorobenzene)-4-sulphobenzididemeta-m'-disulphonic acid
Bis(1:4-dichlorobenzene)-2-sulphobenzidin
Bis(1:2-dichlorobenzene)-4-sulphobenzidin
Bis(2:6-dichlorobenzene)-1-sulpho-4'-chlor-1':3'-phenylenediamide
Bis(1:2-dichlorobenzene)-4-sulpho-2':4'-chlor-1:3'-phenylenediamide
Bis(1:4-dichlorobenzene)-2-sulphoethyldiamide
Bis(1:4-dichlorobenzene)-2-sulphoethylenediamide
Bis(1:2-dichlorobenzene)-4-sulpho-2':7'-naphthalenediamide
Bis(1:4-dichlorobenzene)-2-sulpho-1':3'-phenylenediamide
Bis(1':3'-dichlorobenzene)-4'-sulpho-1:3-phenylenediamide
Bis(1:2-dichlorobenzene)-4-sulpho-1':3'-phenylenediamide
Bis(1:2-dichlorobenzene)-4-sulpho-1':4'-phenylenediamide
Bis(1:2-dichlorobenzene)-4-sulpho-1':2'-phenylenediamide
Bis(1:3-dichlorobenzene)-4-sulpho-1':3'-phenylenediamide
Bis(1:4-dichlorobenzene)-2-sulpho-1':3'-phenylenediamide
Bis(1:4-dichlorobenzene)-2-sulpho-2':4'-tolylenediamide
Bis(1:2-dichlorobenzene)-4-sulpho-2':4'-tolylenediamide-6-sulphonic acid
Bis(3-5-dichlor-2-benzoxyphenyl)-2'-sulphophenylmethane
Bis(3:5-dichlor-2-beta-methoxyethoxyphenyl)-2'-sulphophenylmethane
Bis(3:5-dichlor-2-N-butoxyphenyl)-2'-sulphophenylmethane
Bis(3:5-dichlor-2-cyclohexoxyphenyl)-2'-sulphophenylmethane
Bis(3:5-dichlor-2-ethoxyphenyl)-4'-chlor-2'-sulphophenylmethane
Bis(3:5-dichlor-2-ethoxyphenyl)-2'-sulphophenylmethane
Bis(4:6-dichlor-3-hydroxy-2-methylphenyl)-4'-sulphophenylmethane
Bis(3:5-dichlor-2-hydroxyphenyl)-2'-chlorophenylmethane
Bis(3:5-dichlor-2-hydroxyphenyl)-2':4'-dichlorophenylmethane
Bis(3:5-dichlor-2-hydroxyphenyl)-2':6'-dichlorophenylmethane
Bis(dichlorohydroxyphenyl)methane, sulphonated
Bis(3:5-dichlor-2-hydroxyphenyl)methane
Bis(3:5-dichlor-2-hydroxyphenyl)methane
Bis(3:5-dichlor-2-hydroxyphenyl)methane, chlorinated
Bis(3:5-dichlor-2-hydroxyphenyl)-2'-sulphophenyl methane
Bis(3:5-dichlor-2-isobutoxyphenyl)-2'-sulphoenylmethane
Bis(3:5-dichlor-2-isopropoxyphenyl)-2'-sulphophenylmethane
Bis(3:5-dichlor-2-methoxyphenyl)-4'-brom-2'-sulphophenylmethane
Bis(3:5-dichlor-2-methoxyphenyl)-4'-chlor-2'-sulphophenylmethane
Bis(3:5-dichlor-2-methoxyphenyl)-5'-chlor-2'-sulphophenylmethane
Bis(3:5-dichlor-2-methoxyphenyl)-2'-sulphophenylmethane
Bis(3:5-dichlor-2-methoxyphenyl)-4'-sulphophenylmethane
Bis(3:5-dichlor-4-methoxyphenyl)-2-sulphophenylmethane
Bis(dichlorophenol)-4-sulphometaphenylenediamine
Bis(2:6-dichlorophenol)-4-sulphometaphenylenediamine
Bis(3:5-dichlor-2-N-propoxyphenyl)-2'-sulphophenylmethane
Bis(dihydroxyditolyl)-methane, brominated
Bis(5-fluor-2-hydroxyphenyl)methane
Bis(2-hydroxy-5-methylphenyl)-2'-sulphophenylmethane
Bis(hydroxytolyl)methane, brominated
Bis(hydroxytolyl)methane, sulphonated
Bis(2-isobutoxy-3:5-dichlorophenyl)-2'-sulphophenylmethane
Bis(2-isopentoxy-3:5-dichlorophenyl)-2'-sulphophenylmethane
Bis(2-methoxyphenyl)-4-sulphophenylmethane
6-Bis(N-benzylsulphonamide)-4-chlor-1-phenol
Bis(2-N-butoxy-5-chlor-3-methylphenyl)-5'-chlor-2'-sulphophenylmethane
Bis(2-N-butoxy-5-chlorophenyl)methane
Bis(2-N-butoxy-3:5-dichlorophenyl)-4'-chlorophenylmethane
Bis(2-N-butoxy-3:5-dichlorophenyl)-4'-chlor-2'-sulphophenylmethane
Bis(2-N-butoxy-3:5-dichlorophenyl)-5-chlor-2'-sulphophenylmethane
Bis(2-N-butoxy-3:5-dichlorophenyl)-5-chlor-2'-sulphophenylmethane
Bis(2-N-butoxy-3:5-dichlorophenyl)-2':4'-disulphophenylmethane
Bis(2-N-butoxy-3:5-dichlorophenyl)-2':4':5'-trichlorophenylmethane
Bis(nitrophenylmethyl)-pyrazolone chloride
2:6-Bis(orthochlorobenzyl)-4-chlorophenol
Bis(orthochlorohydroxyphenyl)methane
Bis(1:2-5-trichlorobenzene-4-sulpho)-1':3'-phenylenediamide
Bis(3:4:6-trichlor-3-hydroxy-5-methylphenyl)-4'-sulphophenylmethane
Bis(2:4:6-trichlor-3-hydroxyphenyl)-6'-chlor-3'-sulphophenylmethane
Bis(2:4:6-trichlor-3-hydroxyphenyl)methane
Bis(2:4:6-trichlor-3-hydroxyphenyl)-4'-sulphophenylmethane
Bismuth bromides
Bismuth bromides in acetone
Bismuth-phenyl dibromide
Bismuth-triphenyl
Bismuth triphenyl dibromide
Bismuth triparatolyl
Bitter extracts with sodium fluoride and sodium sulphate
Borofluoroacetic acid and other complex borofluoro compounds in acetone and alcohol
Boron trifluoride addition compounds with ketones
4-Bromobenzenesulphomethylamine
4-Bromobenzenesulphomethylamine with diethylbutylglycol phosphate
5-Brom-2:3-creosotic acid
4-Bromo-normal-N methylbenzenesulphonamide
Brucine
Brucine oleate
Brucine oleate and salol in benzin
Brucine sulphate
Brucine sulphate and aluminum sulphate
Butylamine selenate, normal
Butyl ester of sulphophthalic acid
Cadmium soap
Calamus
Calcium soap
Calcium-dinitroalphanaphthol
Calcium-dinitroalphanaphthol betamonosulphonate
Camphor wood
Caproylphenylthiopseudourea
Carbazole in acetone
Carbethoxymethyltriphenylphosphonium chloride

(To be continued)

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Yahr-Lange Employees Oust General Manager

Fred E. Yahr, president of Yahr-Lange, Inc., wholesale druggist, Milwaukee, has resigned as general manager for the company in compliance with a demand of its employees, enforced in a sit-down strike April 14. Mr. Yahr is the principal owner of the company and has been its president and general manager for thirty-seven years.

The 115 employees of the company started a sit-down strike at the call of R. B. Blair, chief accountant; George Huseby, sales manager, and John Springer, credit manager, in protest against an alleged company policy of firing employees as soon as they manifested a feeling that their services entitled them to increased compensation. The employees charged that workers were hired at low pay and fired when they asked for a raise. Mr. Yahr characterized this charge as ridiculous and said that the company's employee policy was an equitable one.

The employees have refused to be unionized, but they selected representatives to lay before the directors and officers a demand that Mr. Yahr resign as general manager. They made no other demands. The traveling salesmen for the company joined in the sit-down strike in their territories. After almost a whole day's conference, the resignation of Mr. Yahr was announced.

Management of the company's operations will be continued under the other officials, according to L. O. Kurnheimer, attorney for the company. Mr. Yahr will retain the presidency, but, it is said, will depart shortly, with Mrs. Yahr, for a vacation in Europe.

Hatch, Potvin Form New Firm

The Worcester Chemical Distributors Corporation has been formed to engage in the distribution of industrial and fine chemicals, with headquarters at 1 Coes square, Worcester, Mass. The officers are:—President, Frank W. Hatch; vice-president, Harry G. Christenson, and secretary-treasurer, Edgar J. Potvin. Messrs. Hatch and Potvin have severed their connection with Brewer & Co., Worcester, with which they had been associated, Mr. Potvin for many years.

Narcotics Control Tightening Sought

WASHINGTON, Apr. 12, 1937.

A series of three bills (H.R. 6281, 6282 and 6283) designed to improve the enforcement of the narcotic act and related Federal laws has been introduced by Representative Hatton W. Sumners of Texas, chairman of the house committee on the judiciary, at the request of the Treasury Department.

The first bill permits the seizure and forfeiture of any vessel, vehicle or aircraft used in the transportation of contraband articles, which are defined as including any narcotic drug possessed with intent to sell in violation of law or which does not bear appropriate tax paid internal revenue stamps.

The second bill requires Federal courts to expedite the trial of any civil or criminal proceeding arising under the customs or internal revenue laws, which involves a charge of fraud upon the revenue of the United States when the district attorney so requests.

The third bill provides for heavier penalties for second, third and subsequent offenders under Federal laws regulating narcotic drugs. For a second offense the penalty would be a fine of not more than $5,000 or imprisonment for not more than ten years, and for third and subsequent offenses the maximum penalty would be $10,000, or twenty years in prison.

In a letter to the house committee, Wayne C. Taylor, Assistant Secretary of the Treasury, urged action on the three bills in order to improve the Department's legal weapons in fighting the illicit narcotics traffic.

Allied Products Leases New Office

Allied Products, Inc., specializing in the production of perfume, cosmetics, and toilet preparations for distribution to the private brand trade, has leased, through the Charles F. Noyes Company, the entire forty-seventh floor of 30 Rockefeller Plaza, this city. Sixteen thousand feet of floor space will be used as executive offices only. The transaction is reported to amount to $750,000.

Paint chemists, members of the Chemists' Club, this city, will have a group dinner in the club April 21, at 7:00 p.m.

Botanical Drugs, Gums

Rise and Fall of Arabic Shipment Prices Leaves Spot Values at Net Advance—Digitalis Leaves Rise as Some Stop Offering—Saffron Higher

Botanical drugs were generally firm in price last week, notwithstanding the fact that demand was generally along quiet lines. While advances in prices over the past eight to ten weeks have been substantial and almost continuous, dealers on spot last week did not feel that values had been advanced to a degree exceeding normal developments based on current basic conditions. Hence, it was likewise felt that absence of a high-rate of demand would not necessarily result in a wide weakening of the general price structure.

Most of the advances that have brought values so much higher than they were around the first of the year have been caused solely by the action of demand against supply. Stocks were generally less than normal in January and as they shrank under good demand, prices rose steadily under the support of strong undertones. Therefore, in the absence of any important change of the basic situation, dealers expect prices to hold generally firm.

Numerous advances in prices, details of which appear below, gave force to this argument for the strength of the market underpinning. In every instance, small stocks and advancing replacement cost preceded the rise in spot quotations. Declines were comparatively few and, save in the instance of echinacea root, they failed to cause much comment in the market.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	262	1,277
Caraway	2,536	8,340
Cardamom (cases)	36	1,095
Celery	280	4,966
Coriander	5,334	6,417
Cumin	1,653	1,918
Digitalis leaves (cases)	53	81
Dill	...	151
Fennel	425	1,843
Henbane leaves (bales)	111	157
Mustard	280	10,372
Poppy	1,050	18,769
Sage leaves (bales)	20	1,082
Sesame	...	1,551
Stramonium (bales)	227	327
Thyme herb (bales)	291	438
Totals	12,262	58,973

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Price Changes

Prices were changed during the past week as follows:—

Advanced

Aloe gum, Barbados, 1c. per lb.
Arabic gum, sorts, 1½c. per lb.
white, No. 1, 2c. per lb.
No. 2, 2c. per lb.
powder, 1c. per lb.
Canary seed, Argentine, ⅛c. per lb.
Turkish, ⅛c. per lb.
Digitalis leaves, 2c. per lb.
Fennel seed, French type, ½c. per lb.
Ginger root, African, ½c. per lb.
Jamaica, bright grinding, ½c. per lb.
medium bold, ½c. per lb.
Ipecac root, whole, 20c. per lb.
powdered, 25c. per lb.
Kino gum, 90c. per lb.
Lycopodium, 20c. per lb.
Mustard seed, California, brown, ½c. per lb.
Olibanum gum, siftings, ½c. per lb.
tears, 1c. per lb.
Pepper, black, Lampong, ⅝c. per lb.
Rosemary leaves, ½c. per lb.
Saffron, Spanish, $2 per lb.
Uva ursi leaves, 3c. per lb.
Tragacanth gum, No. 1, 25c. per lb.
No. 2, 15c. per lb.
No. 3, 15c. per lb.
No. 4, 15c. per lb.
No. 5, 15c. per lb.

Reduced

Ammoniac gum, 20c. per lb.
Aloe gum, Socotrine, 3c. per lb.
Angelica root, imported, natural, 4c. per lb.
twisted, 15c. per lb.
Belladonna root, 1c. per lb.
Cardamom, bleached, 5c. per lb.
decorticated, 10c. per lb.
Echinacea root, 5c. per lb.
Fenugreek seed, ¼c. per lb.
Fleaseed, French, ½c. per lb.
Pimento, ½c. per lb.
Stavesacre seed, 5c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
128.5	126.9	126.4	107.6

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Black Haw.—Prices continued to be firm, but the demand was moderate to light and some felt that values would ease, especially when new crop influences get to work.

Cramp.—The supply of the best quality of genuine cramp bark was declared to be small and the prospect for a normal collection was said to be not too favorable at the moment. Prices remained very firm.

Elm.—The market was strictly nominal. Stocks were all but exhausted. Any price cited in the open market was purely nominal and when a few pounds were to be sold, the price was set at the time of sale. New crop is about sixty days away and hence local dealers declare that values are not artificially high and are not at all indicative of true values.

Orange Peel.—Sweet peel was lower at 11c. to 12c. per pound, but conditions indicated that the inside quotation was absolute minimum. Bitter peel lacked quotable change.

Wild Cherry.—Dealers declared that difficulty was being experienced in getting workers to make normal deliveries of new crop bark in the primary market. Sales last Winter were in excellent volume and hence dealers hope for a large collection this year.

Beans

St. Ignatius.—A nominal market prevailed. Demand was lacking. Prices held at 31c. to 32c. per pound.

Vanilla.—The market was unquestionably strong. Foreign market values were held fully firm and free from weakening influences. Stocks were comparatively small and in very strong hands. Furthermore, a very good demand for beans was reported in all markets. Local quotations were well maintained and the tendency in values was upward.

Berries

Cubeb.—Inquiry was somewhat irregular most of the time and actual transactions were down mainly to a jobbing basis. Prices were steady at the recent decline. Stocks were of fair size here.

Raspberries.—New production was being awaited for the reason that present stocks were very small and prices for the same were exceptionally high. However, it will be some time before the crop will be grown, gathered, dried, and shipped.

Flowers

Calendula. — Not much interest was shown, but the market seemed to retain a fairly steady position and at least prices were not shaded during the period under review. Stocks were said to be sufficient to care for demand until the new crop becomes available.

Lavender. — As the spot supply of high quality select flowers was said to be somewhat smaller than the quantity usually carried over, the importers here hoped for an excellent production in France this year.

Linden. — The carryover will not be very large this year as consumption during the past consuming year was reported to have been very good. Prices continued to be firm even though demand was mainly of jobbing sort.

Safflower. — Even though there has been a steady demand for small parcels over the past several weeks, values have not improved in the least. The market was steady but lacking in latent strength likely in the nearby future to bring about an advance in values.

Saffron. — Spanish flowers were advanced to $20 to $21 per pound, which was about the prevailing price to replace and which hence, was by many considered to be too low. It was, however, about all that the consuming traffic would bear last week. The call was not very active.

Gums

Aloe. — Cape gum was slightly higher at 19c. to 20c. per pound, but Socotrine

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was lowered to the basis of 32c. to 33c. per pound when supplies were more easily obtainable. Curacao gum was steady. Replacement cost of Cape gum was very firm.

Ammoniac. — Although spot stocks were still small, they were slightly increased when one quarter, previously without supplies, began to offer spot goods on the firm basis of 85c. to 90c. per pound. Demand was light.

Arabic. — Cables from the source came through higher early last week, poor arrivals from the interior being reported the cause of the advance in quotations in the primary market. Later in the period, however, cables carried prices that were about ¾c. below those previously cabled. Spot quotations were higher at 12c. to 12½c. per pound for sorts, and 15c. to 16c. per pound for powder.

Camphor. — The market was about steady but demand showed some signs of expanding moderately in keeping with the usual lift in sales volume coincident with Spring season. Imports of natural and synthetic gum in February last were as follows:—

	Pounds.
Natural, crude	232,804
Refined	162,388
Synthetic	85,546
Total	480,738

Kino. — Stocks were close to being totally exhausted and prices were sharply higher at $1.60 to $1.70 per pound, when an even moderate call for prompt deliveries developed last week.

Olibanum. — Siftings were advanced to 7½c. to 8c. per pound and tears fetched the higher price of 13c. to 24c. per pound, range covering questions of quality in the latter instance. Demand supported the rise.

Sandarac. — Quotations were up slightly to the basis of 34c. to 36c. per pound to cover the recently higher replacement costs cabled from the primary market.

Tragacanth. — Prices were higher and, in most instances, were nominal for the reason that so far as a strictly No. 1 grade of ribbon tragacanth was concerned, there was practically none to be had. New quotations were as follows:—No. 1, $3 to $3.25 per pound; No. 2, $2.50 to $2.75; No. 3, $2.45 to $2.70; No. 4, $2.40 to $2.65; No. 5, $2.25 to $2.50. Importations in the month of February by countries of shipment were as follows:—

	Pounds.
France	1,207
U.S.S.R.	34,392
United Kingdom	1,064
Iran	171,777
Total	208,440

Herbs and Leaves

Buchu.—The market was steady and most quarters felt that present values would be maintained for some time to come, as they were fairly well in line with the prices paid for new crop at the source. Demand was moderate.

Digitalis.—Quotations were higher at 27c. to 30c. per pound, and because of the situation abroad and at home, some quarters withdrew all offerings for the time being. It was believed that the unsold stocks on spot were extremely small. This belief found support in the fact that since January 1 but 65 bales of this article have been imported, and of that quantity 53 bales were rejected by the Department of Agriculture as being below required standards of quality.

Peppermint.—Some sellers have advanced prices on domestic leaves, but in other directions offerings continued to be made at 28c. per pound, comparing with 30c. wanted by others. Imported goods were firm at 35c. per pound.

Rosemary.—Quotations were higher at 5½c. to 6c. per pound and in some directions the market was minimum at 6c. per pound. The strength of the market traced to the inability of dealers to get shipments from abroad. The future of the new crop was uncertain.

Uva Ursi.—Quotations were 20c. to 25c. per pound and the quantity of material available at either end of the range was very small. The material comes from Spain and commercial shipments from that country have been uncertain for months. The future is fully as uncertain as the past was.

Miscellaneous

Colocynth Pulp.—Although the new crop prospects in February were said to be rather satisfactory in the Sudan, the fact that nothing was being carried over from the previous crop constituted more than enough reason for considering the future of the article to be very firm. Exports from the Sudan in the past two years were as follows, according to country of destination:—

	Metric tons— 1936.	1935.
United States	7	14
Great Britain	7	15
All other countries	5	24
Totals	19	53

Ergot.—Small stocks throughout the world continued to keep prices strong and markets generally nominal in character. Hope that the Russians will be able to offer a substantial export surplus was noted, but the outlook in that respect was highly uncertain.

Irish Moss.—Very good demand prevailed and the market was firm in all respects. Stocks unsold on this market at present are very light and sellers showed reserve at all times. New crop was awaited with some eagerness.

Lycopodium.—Sales have been made at $1.35 to $1.40 per pound and this sharply higher price had some elements of the nominal surrounding them. Stocks were very small. Replacements were available only in meager quantities and then only at comparatively high prices.

Papain.—Demand continued to be very good and the market at the recent advance found considerable support at all times last week. It seemed probable that the trend toward values closer to normal was underway.

Roots

Angelica.—Sharp decline in prices on the imported article brought them to the basis of 28c. to 30c. per pound for natural, and to 30c. to 40c. for the twisted variety. The price on twisted reflected differences in the minimum price views of sellers.

Belladonna.—The range was narrower, and the price was lower at 10c. to 11c. per pound. A routine and generally steady market prevailed on the spot last week.

Echinacea.—Although it was very difficult to secure anything in the country, and although the future production of the material was most uncertain, one quarter on the spot quoted the lower price of 35c. per pound. This compared with 40c. which was minimum in other directions.

Golden Seal.—A 5c. per pound advance was named in one quarter but other sellers continued to offer firm at $3.15 per pound for natural, and at $3.35 for the article in powdered form. Stocks were very small. The crop will be little if any, larger than the small one reported last year.

Ipecac.—The primary market has had more business than it could supply over the past year and hence the opening of the season has found the price views of shippers high enough to warrant a spot quotation of $1.35 to $1.40 per pound for whole, and $1.50 to $1.55 for powder. Unsold reserves on this market were light.

Seeds

Canary.—Prices were advanced a fraction to 6½c. to 6¾c. per pound for Turkish, and to 6⅜c. to 6⅞c. for Argentine material. These movements reflected increased movement on spot and a firmer situation in the primary markets.

Caraway.—The prospect for a smaller than usual crop in the primary market has caused further firming of prices at all points. On the spot, quotations moved up to the basis of 7⅝c. to 8c. per pound.

Cardamom.—The advance has not only been checked but the trend of prices has been reversed. Bleached was down to $1.65 to $2 per pound according to quality, and the decorticated grade was offered at $1.50 to $1.60 with conditions being favorable for a further shading of that price. Sellers said the market had been advanced too much and too quickly. Hence, a natural reaction had been looked for.

Fennel.—French type was slightly higher at 7½c. to 8c. per pound on improvement in inquiry. Other kinds of this seed lacked quotable change but most of them were somewhat steadier.

Fenugreek.—Under competition, the market was shaded to 4½c. to 5c. per pound and closed the week moderately easier on that basis. Stocks were ample and the needs of buyers were small.

Flea.—French seed was deduced to 11c. to 12c. per pound and in some quarters the tendency was to solicit bids. India seed was dull and without change. Competition was fairly aggressive.

Mustard.—This group held the most important position in the seed market. Because of poor crop prospects in California and Montana, together with adverse reports concerning the probable production in Holland and Central Europe, old crop seed in all markets was more firmly held and the expected advances in prices were said to be due shortly. California brown was raised to 7c. to 7½c. per pound.

Stavesacre.—Offerings were made at 30c. to 35c. per pound without attracting more than a few buyers to the spot. This lower figure was the result of competitive offerings made to secure a few orders during the past week.

Spices

Clove. — Firm undertones persisted notwithstanding the fact that not much demand for spot goods prevailed last week. Replacement costs were fully firm at all times.

Ginger.—Further advance in prices on African root brought the market to the very firm basis of 16c. to 16½c. per pound. Jamaica medium bold was higher at 15½c. to 16c. per pound, and the fair grinding was up to 15c. to 15½c. Cochin lacked change. Demand was fairly good.

Nutmegs.—Good quality material was not overly abundant but the supply was sufficient to make deliveries prompt on the business done during the past week. Prices lacked quotable change.

Peppers.—The market was generally dull. Black Lampong was priced at 6⅜c. to 6⅞c. per pound, being a slight decline. Beyond that, the market lacked quotable change. Prompt requirements were readily supplied and the stocks available for future shipment from primary markets were expected to be ample.

Pimento. — Although arrivals here have not been much in excess of 700 bags since the first of the year, the market was weaker last week and prices fell to the basis of 13¾c. to 14¼c. per pound. Demand was poor in all directions.

Black Pepper Futures Trading

Trading in black pepper futures was voted by the board of managers of the New York Produce Exchange on April 14, according to officials of the exchange. The action by the board followed the filing of a favorable report by a special committee that had studied the advisability of initiating such trading. Rules and regulations are now being formulated and will be acted on by the Exchange at an early date. In the meantime, arrangements for trading facilities on the floor are going forward.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

ISCO GUMS

GUM ARABIC —Sorts—Grain—Powder Granular—Crushed

GUM KARAYA — Sorts—Crystals—Powder

GUM TRAGACANTH—Ribbon—Flake—Granules and Powder

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Luminol; liquefied hydrocarbon gases for use as fuel; George S. Wisecarver, Waynesburg, Pa.

Luopan; textile soap; Oswald McCardell & Co., Stretford, England.

Lupogum; textile sizing; Jacques Wolf & Co., Passaic, N. J.

Luposol; textile sizing; Jacques Wolf & Co., Passaic, N. J.

Lusterine Oil; sulphonated oil compound for textile use; O. F. Zurn Company, Philadelphia.

Lusterine Softener; textile softening agent; O. F. Zurn Company, Philadelphia.

Lusterlos; agent for delustering rayon; E. F. Houghton & Co., Philadelphia.

Lustersize; textile lustering agent; L. Sonneborn Sons, Inc., New York.

Lutite; decolorizing agent; Port Morris Chemical Works, Inc., New York.

Lux (Synthetic alkalized hydrated ferric hydrate); Alpha Lux Company, New York.

Luxol bleaching agents; Luxol Products Company, Los Angeles.

Luxol dyes; E. I. du Pont de Nemours & Co., Wilmington, Del.

Luxor leather colors; Ohio Leather Corporation, Boston.

Lykopon (Anhydrous sodium hydrosulphite); Rohm & Haas Company, Philadelphia.

Lynsol; synthetic resins; Hercules Powder Company, Wilmington, Del.

(To be continued)

Essential Oils, Aromatic Chemicals

California and Italian Lemon Reduced as Stocks and Competition Increase—Sweet Almond Firm at Rise—Benzyl Alcohol Fully Maintained—Orange Steadier Here

Price activity was less apparent in the market for essential oils and aromatic chemicals last week. For the most part, dealers were content to hold values steady and in view of the very fair demand for many items, they were able so to do because of the absence of excessive competition between sellers. Stocks of most commodities were conservative in size and to replace them would be to buy at prices which in many instances fully confirmed the prices prevailing for spot goods.

Most reports showed that demand was being maintained in very good fashion. While it may have been something less than that in the month of March, when sales records were so satisfactory, it was still a demand that was active and lively as well as productive of a volume of business certainly the antithesis of poor trade.

Citrous oils continued to attract considerable attention. California and Italian lemon were reduced, being further indication of the growth of competition in parallel with the increase in stocks of both articles. Orange lacked further change and to some extent seemed to be steadier but the trade was awaiting the answer foreign shippers would make to the protection against decline scheme of the California producers.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Almond, sweet, 8c. per lb.
Benzyl alcohol, 5c. per lb.

Reduced

Lemon, California, 25c. per lb.
Messina, 15c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
83.6	**84.0**	**90.3**	**67.8**

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet true material held firm at the recent advance to the basis of 90c. to 95c. per pound. The supply was conservative in size and was held usually in quarters noted for substantially firm views on the future of the market.

Anise.—Prices lacked quotable change but it was intimated that the market was generally competitive and that further shading of values would not be entirely surprising in local circles. A fair movement into consuming channels was reported throughout the period.

Apricot.—Kernel oil was very firm on the Pacific Coast, where production costs have supported a higher market for some time past. Locally, little was doing beyond the routine day-to-day call for prompt deliveries. Stocks were of fair size here.

Bay.—The firm replacement position of this oil on the basis of the higher prices recently established continued to keep spot quotations firm at the recent advance in this market. Demand was normal last week.

Bergamot.—No relaxation of the controlled price in Italy was reported. Values there appeared to be strong and the outlook did not favor a movement of values in favor of buyers for import here. Local quotations were firm. Demand was routine.

Bois De Rose.—Business was somewhat irregular throughout the past week. Buyers were in the market occasionally but the quantities wanted and the number of the purchasers varied substantially from day-to-day. Pricewise, conditions were still indicative of strength here and at the source.

Cajeput.—Very good request was reported. Interest was along normal lines and was productive of a satisfactory volume of sales. Undertones were steady and prices were mainly firm at all times.

Camphor.—Cables from Japan failed to disclose weakness on the Japanese market and hence shipment costs were well maintained. Price in local circles seemed to be fairly well stabilized. Demand was in line with usual expectations at this time of the year.

Cananga. — Hand-to-mouth prevailed but lack of greater interest failed to have an adverse effect on the price views of local sellers. Replacement costs made local quotations entirely fair and contributed to the general firmness of the market.

Cassia.—Jobbing business was very good and, also, there were a few fairly large transactions put through for later arrival from the source. Prices were steady, but conditions made them entirely favorable for buyers with firm orders in hand.

Citronella. — Prices failed to show further advance but the market here was generally firm because of the improvement and strength developed in the Ceylon market. Demand was routine, but normal in size. Exports from Ceylon totaled 1,271,039 pounds in 1936, comparing with 1,399,764 pounds in 1935. In 1936, 579,001 pounds came to the United States, while in 1935 the quantity reaching here was 568,907 pounds.

Coriander. — At least $19 per pound would have to be paid for the small quantities obtainable on the spot. The local supply was almost exclusively the result of domestic distillation of Morocco seed. Seed from that source yield but small quantities of oil; many lots fail to yield any. The Soviet Union, source of the oil bearing seed, will sell none now.

Dill. — Some pickup in interest on the part of manufacturers was reported and the market seemed to be gaining in strength last week. Prices were firmer and competition less apparent.

Eucalyptus. — Prices were steadier. No further recession in values was reported. Replacement costs were still well maintained. Stocks in all markets were short. Consumption was in good volume.

Fennel. — Little has been said of this article for some time, but a check on the market last week showed undertones to be firm and prices to be very steady in the absence of any competition in local circles.

Geranium. — The declines have been checked for the time being at least. Because they have already been quite severe, the tendency in local circles was to expect a firming of undertones and the establishment of stabilized values. Trade was about normal last week.

Grapefruit. — Competition appeared to be gaining in this article. Desire to increase its use, plus a production now sufficient to bring about more aggressive sales policies by the producers and dealers, has caused values to develop a fairly easy undertone. Further decline in values would not surprise.

Lavender. — Lowest prices seemed to be firmer than they had been. At least, at the moment no tendency to reduce them further has developed. New production in France will be watched but the early forecasts do not include the opinion that the output will be sharply larger than that a year ago.

Lemon. — California oil was reduced to the basis of $3.25 per pound last week. Italian oil dropped to the basis of $3.50 to $4 per pound and even less might have been done with a firm order in hand notwithstanding the fact that much of the unsold Italian oil on spot was obtained at prices much higher than those now quoted on shipment material in the primary market. Larger demand was expected to develop as the Summer season of increased requirements approaches.

Mace. — The series of advances appeared to have come to an end, tem-

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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Used and endorsed by the nation's foremost laboratories. Unconditionally guaranteed to meet the most exacting standards of the laboratory technician.
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Essential Oils
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MANUFACTURERS accustomed to using high priced lemon concentrates will welcome the economy afforded by this new product. Its great concentration, ready solubility and proven stability insure satisfaction in a great variety of applications. You can prove this by putting EFF-BEE FIVEFOLD LEMON CONCENTRATE through the severest tests. It is a worthy companion flavor to our EFF-BEE FIVEFOLD ORANGE CONCENTRATE. Write us for samples.
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Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77 79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N.Y.
118 WEST OHIO ST. CHICAGO, ILL.

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AROMATICS
FLAVORS
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601 West 26 St. New York, N. Y.

BASE OILS—For Soapless Shampoos
For Polishing Compounds—For Cosmetic Preparations
VISCO GUMS — For Wave Set Lotions
GUMS
Arabic, Tragacanth, Karaya
Powdered in our own mills under laboratory control
JACQUES WOLF & Co.
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porarily at least. However, the market was none the less stronger than it had been and basically was so placed that a further rise in quotations was not unlikely if demand holds up well.

Nutmeg. — Basically, the market was as strong as ever, even though the advance of prices has ceased for the time being at least. Demand was very good last week and conditions were such as to make it not unlikely that further expansion in request might be accompanied by additional advances in values.

Orange. — Conditions shifted very little from those which recently were productive of substantial declines in prices. For the moment, the market as a whole appeared to be somewhat steadier than it had been and it was not certain that values would decline further in the immediate future—at least so far as California oil was concerned. What foreign shippers of oil may do to prevent heavy diversion of their buyers to the home producers remained to be developed. Exports of oil from French Guiana in 1936 were 2,362 quintals, of which quantity the United States took 14 quintals. This compared with the 1935 total of 2,100 quintals, of which the United States received none direct.

Peppermint.—The market was steady. Activity was confined to comparatively few orders that came from users of moderate sized quantities only. In the middlewest, prices seemed to be firm. On the spot, they were none too steady and values as quoted were very close to replacement costs—an indication of the competitive character of the market as a whole.

Spearmint. — Trade was almost dull. It was certainly far less active than might be considered to be normal at this time of the year. However, prices were inert and sellers did not appear to be prepared to shade them much, if any.

Tansy. — To bring back normal prices on this oil will require a crop of specially ample size—and nothing at this time suggests plans for such a development in the primary market. The market lacked much in the way of demand, but it was generally steady as to price.

Wormseed.—Sellers quoted unchanged prices and reported a still active interest in the item. Primary market costs were well maintained in keeping with the comparatively small stocks being carried at the present time.

Aromatic Chemicals

Benzyl Alcohol. — In drums, the price was 63c. per pound; in cans, it was 70c. This somewhat higher price was the result of higher production cost and came in a market notable for considerable strength late in the previous trading period.

Borneol. — There was a need for this article, but it proved to be one difficult to obtain on the spot during the past week. Also, derived materials were in low supply for the same reason.

Carvol.—Inquiry gained in one quarter at least and sales were showing considerable improvement in that direction. Prices continued to be very steady.

Citronellal. — The supply was reported to be ample for all probable requirements. Prices were steady to firm in all directions. Consumption compared favorable with that in recent weeks.

Citronellol. — Business was irregular most of the time last week and the market as a whole was continued to somewhat narrow channels. Prices remained steady, and stocks were ample.

Diphenyl Oxide. — Business was very good. Manufacturing consumers were steady takers at full prices and the general market position was one of substantial strength.

Eucalyptol. — The market was strong mainly because of production costs being maintained by the continued high cost of raw material. Demand was also a supporting element in keeping values free from fluctuation or unsettlement.

Eugenol. — Although raw material has stopped advancing in price, the position of this article was no less firm than it had been over the past several weeks. Movement into consumption gave evidence of the substantial requirements of manufacturing consumers.

Geraniol. — The market was one of routine proportions during the past week and trade was generally for jobbing account. Prices were steady at all times and competition was slight.

Geranyl Acetate. — Little competition was noted in local circles. Production costs kept spot quotations on a generally steady to firm basis, and so far as could be ascertained, full prices were obtained at all times.

Heliotropine. — Some said that the market was slightly more competitive but if that were so, the situation did not include any change in prevailing price schedules. The market was steady and values were fully maintained.

Linalyl Acetate. — Little change in the good demand prevailing for some time past was reported last week. Manufacturing consumers were in the market often and for normal quantities. The business contributed to the maintenance of firm prices on the spot.

Methyl Anthranilate. — Imported and domestic material were firm in price and steady as the result of very good consuming interest. Stocks proved entirely sufficient to cover needs of the trade.

Methyl Cinnamate. — Request was irregular and subject to considerable variation from day to day. Most manufacturing consumers appeared to be carrying stocks sufficient for their requirements in the immediate future. Hence, trade was mainly of jobbing character.

Methylheptonone. — Inquiry was restricted to prompt requirements of buyers. Pricewise, the market was counted generally steady and hence the undertone of the market continued to be firm.

American Seitz Filter to Move

The American Seitz Filter Corporation, this city, reports the removal of its offices from 31 Union Square to the Grand Central Palace building, effective May 1. The change is made necessary by expanding business. The new suite of offices will consist of approximately 2,000 square feet of floor space, so arranged that complete and separate showroom facilities are available along with separate space entirely for the privacy of prospective buyers and sales department. The executive and clerical offices are separate from the showrooms and sales conference offices.

Manheimer Moves

J. Manheimer, importer and dealer in essential oils and vanilla beans, this city, has moved his place of business to 214 East Twenty-first street. His telephone number is now Gramercy 5-4640.

Lever Brothers Loses Suit on Granular Soap

(Continued from page 39)

process followed by the Lever company at its Hammond plant in making "modern" or "current" "Rinso."

The decision held "Rinso" of character offered as plaintiff's exhibit 23 infringes the Lamont product claims. The rule laid down in the opinion must determine whether the Lamont product claims are infringed by other Lever products, it was held. The district court decree was reversed with directions to enter one granting an injunction against further infringement of claims 1 to 9 of the patent and an accounting for past infringement.

The court stated that the final conclusion turned on "the degree of equivalency which should be granted elements of the product, and steps of the process claims." The degree of equivalency depends largely, it said, on "(a) the place we give Lamont's discovery in laundry soap art; (b) language of claims and specifications; (c) object and purpose of steps in consummation of the 'Lamont idea'."

"Rinso," the court found, apparently varies in character. The decision said that the process might be followed and yet the product might not be up to the possibilities of a better or a more complete following of the teachings of the process claims. The conclusion must be and is based, asserted the decision, on the substance of the teachings, not solely on the words used. It said restrictive words must be given their true meaning, but words ordinarily restrictive in their meaning may not be intended to tie the patent by inelastic bands. When descriptive words are somewhat general, we should accord them reasonable, rational resiliency, it said.

It was pointed out that by imperfectly practicing the teachings, the Lever company might have produced a soap which would not respond to the language of the product claims. It could not, however, avoid infringing of product claims by imperfectly practicing the process, it was emphasized.

Marihuana Tax Would Apply to Hempseed Oil

WASHINGTON, Apr. 15, 1937.

A bill to establish a system of Federal taxes on the production and distribution of marihuana or cannabis sativa L. and certain of its products was introduced in the house today by Representative Robert L. Doughton of North Carolina, chairman of the house committee on ways and means.

The bill (H. R. 6385) was introduced at the request of the Treasury Department, and in introducing it Representative Doughton stated that after long study the department had determined that marihuana can be regulated in much the same manner as are narcotic drugs under existing national legislation without affecting the legitimate uses of the plant in the production of fiber and seed products.

The bill requires annual registration and payment of a tax by all producers, processors and handlers of marihuana, including hempseed and hempseed oil; and with respect to all items except the fiber, the seed, and the oil, imposes a tax on its transfer between two parties and requires the keeping of detailed records of all dealings in the product.

Marihuana is defined as including all parts of the plant, whether growing or not, its seeds, the resin extracted from any part of the plant, and every compound, manufacture, or derivative of the plant, its seeds, or resin. It does not include the mature stalks of the plant or any products of the stalks except the resin. A producer includes any person who grows the plant, harvests it, or fails to destroy the plant after notice is given that it is growing upon land under his control. The annual license tax is $50 on importers, manufacturers, and compounders; $25 on producers; and $1 on physicians, dentists, veterinary surgeons, and other practitioners who distribute, dispense, or administer marihuana or who use it in a laboratory; and $15 on other persons handling the drug.

Dealers in paints or varnishes containing marihuana are not required to register, but manufacturers of such products are subject to the tax. Any dealings in the product by an unregistered person are made unlawful.

All transfers of marihuana, except the seeds and the oil, must be on written orders on forms to be sold by internal revenue collectors, and every transfer on such written orders involves a tax of $1 per ounce if the transfer is to a registered party and $100 per ounce if it is to a person not registered. This tax is to be paid by stamps affixed to the packages.

Violation of the act would be punishable by a fine of not more than $2,000 or imprisonment for not more than five years, or both.

A.D.M.A. Committee Issues R.R. Schedules

Transportation arrangements for the twenty-sixth annual meeting of the American Drug Manufacturers Association have been completed by the committee in charge, which consists of Robert B. Magnus, of Magnus, Mabee & Reynard, Inc., this city, and James C. Chilcott, of the Maltine Company, this city.

The major feature will be special cars on the Pennsylvania Railroad train leaving New York at 5:30 p. m., Eastern standard time, May 1. This train will leave Newark at 5:47 p. m., Philadelphia at 7:17 p. m., Wilmington at 8 p. m., Baltimore at 9:10 p. m., and Washington at 10:30 p. m., arriving at Hot Springs, Va., at 8:10 a. m. May 2.

The special cars will have all standard Pullman accommodations, and special room cars will be provided if requests made in advance justify it. Dining car facilities will be provided for the evening meal May 1.

The one-way carfares and lower-berth charges are as follows:—

	Carfare.	Pullman.
New York	$14.20	$3.00
Newark	13.95	3.00
Philadelphia	11.50	3.00
Baltimore	8.60	2.50
Washington	7.40	2.50

Trains from other cities will leave at the following hours May 1:—

Chicago (Big Four), 1:45 p.m.
Cincinnati (C. & O.), 9:45 p.m.
Cleveland (Nickel Plate), 5:25 p.m.
Detroit (Pere Marquette), 5:10 p.m.
Indianapolis (Big Four), 5:40 p.m.
Louisville (C. & O.), 5:55 p.m.
St. Louis (Big Four), 12:00 noon.

Particulars in full about rail transportation or automobile routes from any point will be furnished by Mr. Magnus or Mr. Chilcott at request.

Another feature has been added to the program of the session of the committee on sales and advertising problems, May 6:—E. V. Fraenkel, general sales manager for Frederick Stearns & Co., Detroit, will give an address on "Advertising, Sampling, and Follow-Up." It is announced also that an official of the Federal Trade Commission will discuss the application of the Robinson-Patman act.

To the scientific section the subcommittee on synthetic organic chemicals will report on the assay of methylene blue, ephedrine, and phenobarbital-sodium and on the melting points of synthetic medicinals.

The meeting will be held May 3 to 6 in Hot Springs, Va.

Tydings Bill Passage Urged by Drug Group

(Continued from page 3)

cooperatives and condemning the practice of some manufacturers in making "discriminatory sizes" of products available to variety stores and refusing them to drug stores.

Dr. George D. Beal, president of the American Pharmaceutical Association; Dr. E. F. Kelly, secretary of the American Pharmaceutical Association; Dr. Walter Clarke, director of the Bureau of Social Hygiene of the New York City Department of Health, and A. H. Lichterman, acting director of the Bureau of Food and Drugs of the Department of Health, addressed sessions of the meeting.

S.O.M.A. to Hold Outing

The Sulphonated Oil Manufacturers' Association will combine its next business meeting with a Spring outing May 21 and 22. The directors of the Association will choose the place, which will probably be the Buckwood Inn, Shawnee-on-Delaware. John C. Wolke, of L. Sonneborn Sons, Inc., is president of the association.

Harry C. Sanner, Jr., has been appointed manager of the West Coast office of the McCormick Sales Company, distributing agent of McCormick & Co., chemicals, spices, and flavorings, Baltimore. His headquarters are in San Francisco.

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Petroleum Solvents, Lubricants, Fuels

Refined Oils Firmer—Gasoline Has Good Possibilities—Naphthas Steady—Crude Oil Average Output Up to 3,426,300 Barrels

Refined oils were slightly firmer last week. Gasoline stocks have been dropping and with the heavy motoring season just ahead, the market gave the appearance of good possibilities. Talk of a nearby rise in crude oil prices has been persistent. In the opinion of some of the local refiners of gasoline, the concessionary price offerings, which have been part of the market for some time back, would not likely continue for another week.

Naphthas and solvents for industrial use continued in a firm position. There was a good, seasonal, fullness to the demands from the paint, varnish and lacquer manufacturers and also from the rubber tire manufacturers. Prices for these products were firm at the levels that have been standing for some time.

Kerosene continued as the principal soft point in the market but this was to be expected at this time of the year when consumption was ebbing.

The daily average production of crude oil in United States for the week ended April 10 was 3,426,300 barrels, an increase of 3,950 barrels over the preceding week's average, according to the American Petroleum Institute's estimate which omits any oil that might have been produced surreptitiously. The average for four weeks ended April 10 was 3,432,000 barrels and the average at this time a year ago was 2,890,000 barrels. Runs of crude oil to stills were reported to the A.P.I. as having averaged 2,778,000 barrels for 77 percent of refinery operation, and, 227,000 barrels additional were estimated to have been sent to stills unreported for a total average of 3,005,000 barrels. The average in the preceding week was also 3,005,000 barrels. Stocks of crude oil April 3 were 297,374,000 barrels against 293,587,000 barrels March 27, according to the Bureau of Mines.

Solvents and Diluents

Petroleum solvents and naphthas for industry were lacking in new or important features last week. The condition of the market was firm under good, steady demands from the consuming trades. Talk of a crude oil price boost in the nearby future has also given the market a measure of additional firmness. The lone soft spot in the market was in the middle West, where material coming out of Michigan was the cause for some easiness. Tankwagon markets in leading distributing centers in the East were unchanged.

Cleaners' Naphthas. — Quotations at the Group 3 refinery market continued at the levels that have been in force for some time back. Tankcar quotations were 7⅜c. to 7⅞c. per gallon, according to seller, f.o.b. Group 3.

Lacquer Diluents.—The demands of the market have been brisk and continued in seasonal fullness last week. The price situation has not been disturbed and showed leanings toward strength at the basis of 8⅜c. to 8⅞c. per gallon, basis Group 3.

Petroleum Thinners. — The market continued without change in price last week and except for continued evidence of easiness in the middle West as the result of offerings from Michigan, the market had strong leanings. The Group 3 refinery market was named at 6⅜c. to 6⅞c. per gallon for tankcar quantities.

Rubber Solvents.—The tire manufacturers' demands against contracts were heavy. Insofar as consumption was concerned, these solvents continued in the vanguard of the market. There was no change in the price structure and because of the talk of a possibility of higher crude oil prices, the market had a stronger undertone.

Stoddard Solvent.—In company with other petroleum solvents, this commodity was in a steady position. The prices quoted at the Midcontinent refineries have been unchanged for the past several months and the sellers named 6⅞c. to 7⅜c. per gallon as the market for tankcars. There has been no recent change in tankwagon prices.

V. M. & P. Naphthas.—The market was active and firm last week. The demands from the makers of surface coatings have been good-sized and frequent through the past several weeks. The market had strong leanings because of the talk of a possible boost in crude oil prices in the near future.

Markets at Other Centers

Chicago, April 15.—In keeping with the general petroleum situation, solvents and diluents have shown a fair further degree of stability here recently. Material has been moving fairly well. With the exception of some continuing evidence of the easy Michigan product situation, the general situation seems strong. Ruling prices in tankcar lots except as noted are (Tankcar prices f.o.b. Group 3 Oklahoma):—Blending naphtha, 5c. to 5¼c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 16.1c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.6c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.6c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 17.1c., tankwagon.

Tulsa, April 15.—Trading in petroleum solvents also broadened last week although prices were unchanged. The shipments have increased and quotations remained at 6⅞c. to 7⅞c. per gallon for the several grades.

Lighter Fractions

Petroleum hydrocarbons in the light solvent fraction group were also in a steady position and were favored with regular demands from the consuming trades. The steadiness of the natural gasoline market reflected steadiness in these products. The prices quoted for butanes, hexane and other commodities in this group were the same as those that have been in force for the past several weeks.

Butanes.—Quotations for the 16-34 degree product in tankcar lots continued at the long standing level of 2¼c. to 3¾c. per gallon, basis Group 3, according to the number of cars used per month.

Heptanes. — The market has been without shift since last reported. The schedule of prices for the normal grade was based at 10½c. per gallon for tankcar lots and the mixed article was based at 9½c. per gallon for tankcars.

Octanes.—The market continued without feature during the period under review. Quotations for the mixture were the same as those that have been in force for some months back.

Petrolatums and Waxes

White Mineral Oils.—The U.S.P. oils were moving in a little slower fashion and some seasonal loss of interest was expected from now forward. The gallonage of technical oils moved last week was good and the demands for these oils over the past several weeks has been good. Prices continued unchanged for both foreign and domestic oil.

Paraffin Waxes.—The crude scale wax market was strong. Although the sellers here continued to offer at 2.70c. per pound for 122-124 American and 2¾c. per pound for 124-126 American melting points, there was a possibility of higher prices soon. The demands of the market were quite active both for domestic and foreign accounts. And, with reports of sales at 3c. in the Midcontinent, the local market appeared to have been in an advanceable position. Bids at less than the aforementioned local prices were not easily placed last week. The February production of wax, as reported by the Bureau of Mines, was 41,720,000 pounds, the same total as in January. Stocks increased from 107,490,000 barrels at the end of January to 109,012,000 pounds at the end of February: domestic demand was 19,061,000 pounds in February against 29,160,000 pounds in January.

CHICAGO, April 15.—Reflecting a generally firm condition in other petroleum markets, wax has been strong recently, and refined wax was no exception to the general rule. Orders were in good total volume and individual orders were fairly generous. Ruling prices of representative sellers were—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, April 15.—Paraffin wax sold as high as 3c. per pound last week for the first time this year. However, quotations still range from 2¾c. to 2.90 per pound with the movement large.

Petrolatum.—The market continued in a strong position. As in the past several weeks, it was virtually impossible to buy at less than the market prices. Most of the suppliers would like to see higher prices but there were others content to sell at the price levels that have been posted for some time back. The market has been in a position where prices were likely to be advanced at any time, depending upon the attitude of the sellers, who have been holding against an advance.

Outputs and Quotas

A comparison of Bureau of Mines calculations for April production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended April 10, follows:—

	B. of M. Dept of Int. calculations.	State allowable.	Estimated output.
Oklahoma	609,600	620,460	641,650
Kansas	183,000	190,200	178,750
Texas	1,297,900	1,348,964	1,370,800
Louisiana	244,800	235,675	245,150
Arkansas	27,400	....	27,350
Eastern	115,000	....	113,500
Michigan	30,600	.....	41,150
Wyoming	44,000	.....	55,700
Montana	14,600	....	15,300
Colorado	4,800	....	3,950
New Mexico	91,400	106,400	105,800
California	579,900	*580,000	627,000
Totals	3,243,000	....	3,426,300

* Recommendation of Central Committee of California Oil Producers.

Fuels and Lubricants

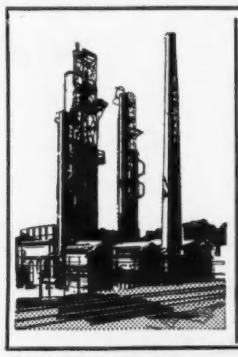
The gasoline position was improving locally. There were limited offerings of 62-63 octane grade of U. S. Motor at less than the prices posted by the leading refiners but the volume offered at concessions was being reduced constantly and the trade believed that the "going" market would work up to the posted levels very soon. The approach of the heavy motoring season should stiffen the market from now forward. Kerosene continued draggy. Lubricating oils were unchanged and much of the attention of the Pennsylvania refiners was focused upon the National

The State of the Petroleum Market

There were no changes in crude oil prices last week. Gasoline prices at the refineries were unchanged.

	Apr. 16	Apr. 9	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.376	$1.376	$1.296
Gasoline prices at refineries (at four refining centers) per gallon	.054375	.054375	.0553125

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7



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Petroleum Association meeting in Cleveland.

Market Conditions

Gasoline.—A strengthening of position was noticeable last week. Although it was still reported possible to buy in the tankcar market at less than the posted figure for low octane material, operators believed that this condition would not last long. The cheaper-priced material was in very limited offering. Further improvement in the market may be expected from now on as the season for heavy motoring approaches. The refiners' quotations for tankcars at refineries here were as follows:—U. S. motor, 62-63 octane, 7c. per gallon; U. S. motor, 65 octane, 7¼c. per gallon; and branded qualities, 7½c. per gallon. The 62-63 octane product was still available in a limited supply at 6⅞c. per gallon. The local tankwagon market was steady. Philadelphia tankcar prices advanced ¼c. per gallon Monday. Export prices at the U. S. Gulf were unchanged last week and were quoted as follows:—U. S. motor, 5¾c. per gallon; 60-62, 400 e.p., 5⅞c. per gallon; 60-62, 390 e.p., 6c. per gallon, and 64-66, 375 e.p., 6⅛c. per gallon. Motor fuel production in February was 42,058,000 barrels against 44,681,000 barrels in January, according to the Bureau of Mines; other comparative figures for February and January, respectively, were as follows:—Domestic demand, 32,000,000 barrels against 33,696,000 barrels; stocks of finished gasoline, 71,453,000 barrels against 64,293,000 barrels; stocks unfinished gasoline, 6,960,000 against 7,123,000 barrels; stocks natural gasoline, 4,290,000 barrels against 4,032,000 barrels.

Kerosene.—Although the posted tankcar market continued at 5½c. per gallon for the 41-43 water white product, basis refinery, the "going" position of the market was 5¼c. per gallon. The market lacked snap and further dragginess was expected in the weeks to come. The export market at the U. S. Gulf was advanced last week with prime white named at 4¾c. per gallon, a rise of ⅜c. and water white at 5⅛c. per gallon, a boost of ⅝c. per gallon. Kerosene production in February was 4,866,000 barrels against 5,923,000 barrels in January; exports were 819,000 barrels against 637,000 barrels in January; stocks were 5,443,000 barrels against 5,622,000 barrels in January, and domestic demand was 4,226,000 barrels against 5,297,000 barrels, according to the Bureau of Mines.

Fuel and Gas Oils.—The bunker oil market continued unchanged with C grade oil offered at $1.20 per barrel at the terminals. Diesel oil was also unchanged. The production of residual fuel oils in January was 22,222,000 barrels against 25,453,000 barrels in January and stocks at the end of February were 80,571,000 barrels against 83,276,000 barrels at the end of January.

Lubricating Oils.—Prices for Pennsylvania oils were unchanged last week. The market for bright stocks, cylinders and neutrals was steady but there was not much life last week. The attention of the Pennsylvania refiners was centered upon the N.P.A. meeting in Cleveland.

Markets at Other Centers

Tulsa, April 15.—Seasonal influences were at work contributing to the building of a price structure in light oils which promises a higher level of quotations within the near future. The demand for gasoline and tractor fuels has broadened materially during the past week and shipments have been on a larger scale. Trading has easily been more active than any other week of the year in these grades. Whereas refiners were offering materials freely few weeks ago, there was now more hesitancy in meeting current spot requirements. With reductions in inventories being effected at most plants, offerings in the spot market were decreasing and a price order for three train loads was reported to have been turned down at the low prices of the week. So far the improvement in the market did not reflect in price advances.

No price reduction has been made in the winter burning oils. Ordinarily, quotations in these products recede at this time of the year. But even with a lower demand refiners were already building up storage and were not offering these materials on the spot.

With the production of crude oil fairly well stabilized and crude runs not showing any material increase, sentiment throughout the oil areas was quite bullish following the short period of hesitancy that prevailed a month ago.

GASOLINE.—U. S. motor 58-60 and 60-62 grades were quoted at 4⅞c. to 5¼c. per gallon while the 63-67 octane grades ranged from 5⅜c. to 5¾c. per gallon. The 68-70 octanes ranged from 5⅝c. to 6c. per gallon. The leaded product "Q" was moved easily at 6c. per gallon and some plants raised their quotations to 6⅛c. per gallon.

NATURAL GASOLINE—All quotations for the 26-70 grade were 3⅛c. per gallon in Texas and Oklahoma. The 18 pound product was quoted at a flat price of 3¾c. per gallon and the 22 pound material was 3½c. per gallon.

KEROSENE.—Although still lagging, quotations were maintained. A part of the demand for kerosene appears to have gone into special grades of tractor fuels this year. The 41-43 grade was 4c. to 4¼c. and 42-44 from 4¼c. to 4⅜c. per gallon. The tractor fuels were selling mostly at 4½c. per gallon.

DISTILLATES.—There appears to be only slight change in the prime white grades and the straw No. 1 and No. 2. Quoted at 3¾c. to 3⅞c. per gallon only the higher quotations was being shaded. The lower grades ranged from 3¼c. to 3½c. for the gas oils.

FUEL OILS.—Although the demand was not quite so intense as it was a few weeks ago, tightness still prevailed and the 24-28 grades were 90c. to 95c. per barrel for the high cold test to $1.10 and $1.15 for the low cold test. The heaviest grades are still quoted at a minimum of 80c. per barrel.

LUBRICANTS.—No price changes occurred but the maintenance of the large demand was again the feature as refiners are unable to accumulate inventories in the various grades.

Chicago, April 15.—The tankcar market for gasoline and other grades of petroleum products was mostly steady and in good tone. The gradually expanding spring demand for motor fuel caused a better feeling to grow as to the outlook. Orders on contract were coming in from virtually all parts of the inland region. The lakes shipping season is opening, to aid in distribution in this part of the country. Refiners were holding for steady to higher prices. Consumption outlook generally was considered good. Kerosene was a little firmer. Heating oils are still holding up quite well. Heavy industrial fuel and gas oils are reported strong. Lubricants, seems to be in good market condition everywhere.

GASOLINE.—Low octane motor, 5c. to 5¼c. per gallon; middle octane motor, 5⅜c. to 5½c.; high octane motor, 6c. to 6⅛c.; 60-62, 400, 5c. to 5¼c.; 64-66, 375, 5c. to 5¼c.; 68-70, 360, 5¼c. to 5⅜c.

KEROSENE.—42-44, water white, 4⅜c. to 4½c. per gallon; 41-43, water white, 4⅛c. to 4⅜c.

FURNACE OILS.—No. 1, 3⅞c. to 4c. per gallon; No. 1 straw, 3⅝c. to 3¾c.; No. 2 straw, 3½c. to 3⅝c.; No. 2 dark, 3⅜c. to 3½c.; 32-36, dark, industrial gas oil, 2¾c. to 2⅞c.

FUEL OILS.—No. 3, 3⅜c. to 3½c. per gallon; No. 4, $1.10 to $1.15 per barrel; No. 5, 87½c. to 92½c.; No. 6, 80c. to 85c.

New Orleans, April 14.—The domestic market reflected a steady trend during the past week, with no change in the quoted prices. U. S. motor gasoline was quoted at 6½c.; below 62 octane, 6½c.; 63-67 octane 6⅞c.; and 68-70 octane at 7¼c., all per gallon, at refinery.

Kerosene remained unchanged at 7½c. per gallon at refinery.

Bunker C fuel oil was quoted at $1 per barrel at terminal and $1.05 per barrel delivered alongside. Industrial plants in this vicinity were quoted at $1.41 per barrel delivered.

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937	1936
	Jan. 1-Apr. 17	Jan. 1-Apr. 17
Commercial crude oil production	351,215,000	304,429,000
	Week ended Apr. 17, 1937	Week ended Apr. 18, 1936
Daily average production	3,413,800	2,885,700
	Week ended Apr. 10, 1937	Week ended Apr. 3, 1937
Estimated motor fuel stock total	82,579,000	*82,408,000
Estimated finished motor fuel stock at refineries	53,200,000	*53,337,000

* Revised.

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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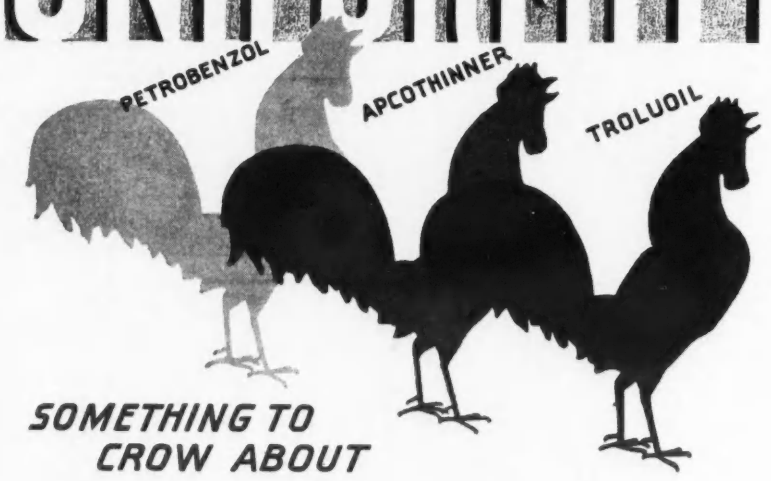

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Fertilizer Materials

Baltimore Superphosphate Prices Same as Those of Local Makers —Offerings Light—March Tag Sales Highest Since 1930 —All Southern States Show Gain

The strengthened superphosphate position was the hub of interest in the fertilizer materials market last week. Baltimore suppliers have named the same prices as those quoted by the local manufacturers for July-December delivery and there is no longer any price differential between the Baltimore market and more northerly producing points. Because of the heavy use of super in the government's pasture crop and soil-building program, there has been a growing scarcity at some manufacturing points, and it would not be surprising to see some material come in from outside sources. There was a distinct shortage of acid in Baltimore.

Reports from the Southern distributing points for mixed fertilizer were quite cheerful. There does not seem to be any doubt that the season's tonnage will show an increase of at least 10 percent over last season. The movement of goods in the Northern market during the past two weeks has been excellent.

The March tag sales in 17 states were equivalent to 1,871,828 tons, the largest March tonnage since 1930, according to the National Fertilizer Association. All of the Southern states except Virginia and Oklahoma registered sales increases over March of last year, with particularly large gains in the Carolinas, Georgia, and Mississippi. The aggregate increase in the South was 25 percent.

The accompanying table shows March sales, in comparison with March, 1936 and 1935, and comparative data for the July-March period.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone meal, 3 & 50, import., $1 per ton.
raw, 4½ & 50, import., 50c. per ton.
Castor pomace, dom., $1 per ton.
Fish scrap, Chesapeake menhaden, futures, 15c. per unit-ton.

Reduced

Blood, dom., Chicago, 5c. per unit.
New York, 10c. per unit.
import., 5c. per unit.
Bone, steamed, 1 & 65-70, import., 50c. per ton.
Tankage, dom., ground, New York, 10c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
64.0	64.0	64.0	59.1

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The market was a little livelier than it was a week ago, and while the demand was termed as having been fairly good, business was far from brisk. As stated previously, the market's activity over the next several weeks was dependent upon weather conditions. Prices continued firm at the schedule. Imports of Chilean nitrate for consumption in February totaled 105,711 tons, according to the Department of Commerce. Exports of nitrogenous chemicals, which is interpreted as being mainly domestic nitrate of soda, totaled 14,715 tons.

Sulphate of Ammonia.—The spot market continues in a firm position and seemingly in the hands of the stronger marketers. The market's future, however, was the principal concern of the trade at this time. With steel operations running over 90 percent of capacity, the output of by-product ovens was estimated to be considerably larger than the current demand for sulphate. For the moment, stocks of sulphate at the mill points were not believed large enough to affect the security of prices, but the thought uppermost in the minds of the trade is that if present trends continue, producers will have a heavy carryover into next season. A Department of Commerce report on the Japanese sulphate situation stated that the sulphate of ammonia manufacturers' association there decided to fix production during the calendar year 1937 at 1,840,000 metric tons, which represents a 20 percent curtailment of production. Demand during the year was estimated at 1,680,000 metric tons, leaving a surplus of 160,000 available for export. These figures appear to be rather large, since they indicate an increase of 571,000 tons or 45 percent over the actual output in 1936. It is understood, however, that production quotas for the various makers have been fixed on the above basis. The association has published the following estimate of supply and distribution for the fertilizer year ending July 31, 1937:—

SUPPLY

	Metric tons.
Production in Japan and chosen	1,390,000
Imports, foreign	20,000
Imports from Manchuria	170,000
Stocks carried over from previous season	235,000
Total	1,815,000

DISTRIBUTION

	Metric tons.
Estimated consumption, Japan proper	990,000
Estimated consumption, chosen	450,000
Estimated consumption, Taiwan	180,000
Exports	27,000
Carry-over to 1937-38 season	168,000
Total	1,815,000

Castor Pomace.—Asked prices for the domestic article at the producing points were $1 per ton higher last week at $25 per ton. There were no offerings of foreign.

Dried Blood.—Imported material could have been bought for April-May shipment from abroad at $3.95 per unit, a reduction of 5c. from the preceding week's asking price. This figure, however, was still 15c. above the quoted market a fortnight ago. The Chicago market was off 5c. at $3.95 to $4 per unit. The New York market was also cheaper, with offerings at $4 per unit against $4.10 per unit a week ago.

Fish Scrap.—A transaction at $4.25 and 10c. per unit-ton, at factory, was reported in menhaden futures last week. This was 15c. per unit above the resale lot traded a week ago. Whether or not this figure will bring out additional material for resale could not be determined now, but the fact that reselling took place at a lower figure made for uncertainty in the market. The Japanese sardine meal situation was confusing because of varying reports on price, many of which were believed to be markers of the market position taken by the operators naming them. Although buyers might be able to do better under negotiation, the most unbiased information that this department could obtain last week was that April-June shipment from abroad could be booked at $52 per ton. Material for nearby arrival sold at $56 per ton, c.i.f., and was later quoted at $58 per ton. If there were spot supplies available at $55 per ton, as indicated by some operators, it could be sold quickly.

Nitrogenous Material.—The Eastern market for this commodity was another where some low prices were quoted, but there were no sales at what would be bargain figures. Western suppliers had little material to offer, and quotations continued at the levels quoted a week ago. Imported material was last heard at $3.35 per unit for Summer and Fall shipment from abroad, basis c.i.f.

Tankage.—Ground material in New York eased off last week, with $4 and 10c. per unit-ton quoted against $4.10 and 10c. per unit-ton a week ago. Unground remained at $4 and 10c. per unit-ton here. Chicago prices continued unchanged and the imported article was also without shift from a week ago.

Potashes

The extent of the resale market has been narrowly limited. Buyers holding material bought some time back at the maximum discounts would realize profits on resales at the current list figures, but the tonnage offered for resale this year has been very small compared with previous years. However, it was learned last week that one lot of 500 tons of muriate cleared out of Norfolk, March 29, destined for Rotterdam. There was a moderate amount of fill-in purchasing from first-hand sellers. As reported previously, there has been very little talk about the future of the market, as this year's price lists extend through June. Prior to this season it had been the custom for many years' standing for prices to expire at the end of April.

Phosphates

Baltimore suppliers of superphosphate named the same prices for forward delivery as those named by the local sellers. There was no longer any differential between the Baltimore prices and those at more Northerly points. There has been a growing scarcity in the super market as the result of the heavy application of the article under the government's soil-building program. Offerings were light and it has been reported that the trade may have to seek outside sources for additional supplies.

Bone Materials.—Quotations for 4¼ and 50 raw bone for import were advanced 50c. per ton last week to the basis of $37 per ton. Imported 3 and 50 meal was also higher, with $26 per ton quoted for April shipment from abroad, an advance of $1 per ton. Imported 1 and 65-70 steamed bone was lower at $25.50 per ton, against $26 per ton a week ago.

Superphosphate.—There is no longer any differential between the prices named by the Baltimore suppliers and those named by makers at local manufacturing points. Baltimore suppliers offered material in bulk at $8 per ton for run of pile, basis 16 percent, and $8.50 per ton for guaranteed 16 percent material. The price for 20 percent material was $14 per ton, f.o.b. Baltimore. The prices for 16 percent super were the same as those posted at Carteret for July-December position. Offerings were light and, because of the extensive use of 20 percent super on pasture crop and soil improvement fer-

Fertilizer Tag Sales: March

	Pct. of	Equivalent tons* March			Pct. of	July-March		
South—	1936.	1937.	1936.	1935.	1936.	1936-37.	1935-36.	1934-35.
Virginia†	94	94,603	100,710	91,095	117	315,512	270,687	274,612
North Carolina	121	383,661	317,248	356,477	126	753,230	598,677	687,707
South Carolina	137	360,420	263,544	284,715	138	610,476	442,672	502,133
Georgia	128	415,043	324,672	290,490	129	650,043	505,308	481,713
Florida†	131	52,724	40,275	43,064	130	447,834	344,212	354,175
Alabama	113	266,050	182,100	215,000	119	325,200	273,400	306,850
Mississippi	171	119,383	69,910	62,829	144	186,529	129,635	98,429
Tennessee†	100	28,472	28,439	15,792	115	74,438	64,485	51,010
Arkansas‡	127	17,905	14,080	9,400	126	39,724	31,456	27,055
Louisiana†	153	52,460	34,215	27,855	151	127,622	84,377	79,306
Texas†	101	21,415	21,115	16,205	116	63,752	54,857	53,298
Oklahoma	35	685	1,965	2,003	101	5,565	5,520	5,813
Totals, South	125	1,752,821	1,398,273	1,414,925	128	3,399,925	2,805,286	2,922,101
Midwest—								
Indiana	150	58,943	39,194	37,897	141	218,294	154,538	131,876
Illinois	280	19,097	6,810	4,539	162	38,435	23,748	17,039
Kentucky	87	15,450	17,688	14,180	152	66,144	43,447	47,536
Missouri	319	24,052	7,545	4,745	167	98,102	58,861	52,154
Kansas	326	1,465	450	578	166	11,845	7,129	5,580
Totals, Midwest	166	119,007	71,687	61,939	150	432,820	287,723	254,185
Grand totals	127	1,871,828	1,469,960	1,476,864	130	4,032,745	3,093,009	3,176,286

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 140,756 tons of cottonseed meal for July-March combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

(Compiled by the National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 9

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tilization this season, some sellers have little to offer.

Phosphate Rock.—Tunisian shipments of phosphate rock for seven months ended January this year totaled 1,020,000 metric tons, an increase of 6 percent over the corresponding months of the preceding season. According to a Department of Commerce dispatch, January, 1937, shipments of 163,623 tons exceeded those of January, 1936, by 20,000 tons.

Sulphur and Pyrites

Acid manufacturers continued to order out large quantities of sulphur against their contracts. There is a distinct shortage of acid at some of the manufacturing centers, particularly Baltimore, the center of superphosphate manufacture. The Cleveland market was also short, and it was understood that a new acid plant will be constructed there. The manufacturers in the local New Jersey area were reported producing to capacity.

There has been no further progress on the Texas tax increase measure. The move to increase the severance tax from its present rate of $1.03 to $1.28 per ton is now before the upper house of the Texas Legislature.

Markets at Other Centers

Atlanta, April 15.—A heavy demand for mixed fertilizers sent manufacturers to market for fill-in materials. No occasion seems to exist for exciting manufacturers into price concessions to clear their factories before Spring closes the South's fertilizer season. The outlook was optimistic.

The attractive price of cotton continues to be the main stimulant to buying. The weather has been unfavorable for land preparation in the upper cotton belt, which was retarding the movement of fertilizers out to the farm somewhat. Planting was in progress in the lower South.

Quotations of this market were as follows:—

SUPERPHOSPHATE.—$11.30 per ton, interior producing points.

NITRATE OF SODA.—Bulk, port basis, $25.50 ton.

SULPHATE OF AMMONIA.—Bulk, port basis, $27 ton.

COTTONSEED MEAL.—7 percent grade, $40 ton, interior mills.

BLOOD.—$4 per unit, Chicago; imported, $4, port basis.

NITROGENOUS.—$3.75 to $3.90 per unit, midwest.

FISH.—Florida scrap, $45 ton.

BONE.—3 and 50 at $20 to $21 per ton; 4½ and 50 at $28 to $30, Chicago.

Baltimore, April 15.—The movement of mixtures has improved and a marked increase in volume over last year was expected. The prevailing quotations on crudes were as follows:—

FISH SCRAP.—Unground menhaden scrap was quoted at $4.25 and 10c. to $4.35 and 10c. per unit-ton at factories, when-and-if-made. Menhaden meal is being held at $60 per ton and Japanese sardine meal at $52 to $54 per ton, with no spot stocks available.

TANKAGE.—Quotations were $3.75 and 10c. to $3.90 and 10c. per unit-ton.

BLOOD.—This product continued strong at $4.10 per unit.

GARBAGE TANKAGE.—Sellers' quotations were $9 per ton, f.o.b. shipping point, which is about equal to $9.50 per ton delivered.

SULPHATE OF AMMONIA.—The market rules very steady.

BONE.—Quotations were $35 per ton for 4½ and 50 ground raw and $27.50 per ton for 3 and 50 ground steamed.

Chicago, April 15.—A generally firm market ruled in most of the representative grades of material in the fertilizer materials market. Buying in fair quantities has been reported for various items. Most of the buying was in limited lots, but the flow of business seemed to be going along moderately well. Blood was tight and orders were fairly active. Tankage business was holding up in fairly good volume. Indications were that bone materials were in a fairly steady market position. Inquiries were reported quite active.

BLOOD.—Principal grade, $3.95 to $4.05 per unit of ammonia.

TANKAGE.—High grade, $3.75 to $4 and 10c.; low grade, $20 to $21, middle west; liquid stick, $2.25 to $2.40; hoof meal, $3.65 to $3.75.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $20 to $21; 3 and 50 percent, $21 to $23; 4½ and 60 percent, $28 to $30; grinding hoofs, pigs' toes and waste horn materials, $24 to $26; junk and hotel kitchen bones, $22 to $24; cattle jaws, skulls and knuckles, $33 to $35; pork cracklings, soft pressed, $60 to $65; beef cracklings, soft pressed, $50 to $60; hard pressed cracklings, per unit of protein, 87½c. to 90c.

(Continued on page 61)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Origin Disclosure Bill Passed by N.Y. Assembly

ALBANY, Apr. 14, 1937.

The assembly has passed and sent to the senate the Lake bill (A.I. 1832; A.P. 2925) amending the penal law to make it a misdemeanor to sell any article of commerce which, to the knowledge of the seller or that of his agent or employee, does not bear a mark of its origin conspicuously displayed.

Potash costs the least of the three and the need for it is as great as ever
This year, recommend a mix with a higher percentage of
Red Muriate
50% and 60% Grades
Manure Salts
POTASH COMPANY of America
MERCANTILE TRUST BLDG., BALTIMORE, MD.
SOUTHERN SALES OFFICE: ATLANTA, GA.
MORTGAGE GUARANTEE BLDG.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, COALTAR—35 dms, 17 tons, 2 cwt, 12 lbs, Merck & Co, Kelso, Hull
COTTONSEED OIL—187 bbls, I R Boody & Co, Kelso, Newcastle
CRESYLIC—20 dms, 9 tons, 11 cwt, 1 qtr, 24 lbs, Merck & Co, Kelso, Newcastle
92 dms, New York Trust Co, Canadian Challenger, Sydney
45 dms, American Cyanamid & Chemical Co, Capulin, Hull
22 dms, Capulin, Hull
18 dms, Monsanto Chemical Co, Samaria, Liverpool
NAPHTHENIC—269 dms, 131,384 lbs, Shell Union Oil Corp, Express, Constanza
PEANUT OIL—137 dms, I R Boody & Co, Maasdam, Rotterdam
SOYBEAN OIL—111 dms, Half Moon Mfg & Trading Co, Black Eagle, Rotterdam
SPERM OIL—40 bbls, Woburn Degreasing Co, Maasdam, Rotterdam
STEARIC—5 cs, L A Consnuller, Maasdam, Rotterdam
65 bgs, M J Corbett & Co, Maasdam, Rotterdam
AGAR AGAR—20 bls, Consumers Import Co, Eidsvold, Kobe
20 bls, S B Penick & Co, Eidsvold, Kobe
10 bls, Consumers Import Co, Komaki, Kobe
20 bls, T M Duche & Sons, Komaki, Yokohama
25 bls, T M Duche & Sons, Komaki, Kobe
ALBUMEN, EGG—56 cs, Consumers Import Co, Kwanto, Tientsin
28 bbls, Joe Lowe, Kwanto, Tientsin
50 cs, Stein, Hall & Co, Kwanto, Tientsin
28 cs, Kwanto, Tientsin
308 cs, Stein, Hall & Co, Kwanto, Tientsin
56 cs, 28 bbls, Consumers Import Co, Komaki, Tientsin
28 cs, Stein, Hall & Co, Komaki, Tientsin
ALUM—10 bbls, 1 ton, 16 cwt, 1 lb, Merchants Chemical Co, Kelso, Newcastle
ALUMINUM LEAF—136 cs, Rohner, Gehrig & Co, Europa, Bremen
3 cs, Kwanto, Osaka
AMMONIA, CARBONATE—20 cs, American British Chem Supplies, Caledonia, Glasgow
ANTIMONY ORE—684 bgs, Philipp Bros, Marna, Arica
REGULUS—200 cs, Wah Chang Trading Corp, Kwanto, Hankow
ARSENIC — 122 dms, African Metals Corp, Black Eagle, Antwerp
ARTIST'S MATERIAL—6 cs, Winsor & Newton, Aurania, London
ASBESTOS—2,741 bgs, Raw Asbestos Distr, Chincha, Beira
FIBER—134 bgs, Raw Asbestos Distr, Chincha, Lourenco Marques
6,334 bgs, Raw Asbestos Distr, Chincha, Beira
ASPHALT—1,109 cakes, President Roosevelt, Hamburg
326 dms, Booth Amer Shipping Co, American Banker, London
BARIUM CHLORATE—30 kegs, International Selling Corp, Independence Hall, Havre
BARYTES—3 cars, F E Schindler Co, Seatrain Havana, Havana
BLACK—12 cks, Reichard Coulston, Black Eagle, Rotterdam
BLEACHER'S TINT—5 bbls, A De Ronde & Co, Samaria, Liverpool
BLEACHING POWDER—315 dms, H H Rosenthal Co, Kwanto, Osaka
BLUE, BLEACHER'S—5 bbls, A De Ronde & Co, Samaria, Liverpool
BOOT POLISH—90 cs, American Banker, London
BRISTLES—4 cs, B Ganz, Maasdam, Rotterdam
2 cs, F W Von Stade, Eidsvold, Kobe
5 cs, H Rosenhirsch & Co, Eidsvold, Kobe
3 cs, F H Cone & Co, Kwanto, Kobe
10 cs, Bank of London South America, Kwanto, Tientsin
7 cs, Globe Shipping Co, Hamburg, Hamburg
5 cs, Corn Exchange Bank, Aurania, London
58 cs, Aurania, London
3 pkgs, Continental Bank Trust Co, Berengaria, Southampton
27 cs, American Banker, London
12 cs, F W Von Stade, Komaki, Kobe
24 cs, F H Cone & Co, Komaki, Kobe
5 cs, Iwai & Co, Komaki, Kobe
3 cs, H Rosenhirsch & Co, Komaki, Kobe
66 cs, F H Cone & Co, Komaki, Tientsin
BRONZE POWDER—3 pkgs, Phoenix Shipping Co, Hamburg, Hamburg
8 cs, G W Sheldon & Co, Hamburg, Hamburg
2 cs, Globe Shipping Co, Hamburg, Hamburg
BUCHU LEAVES—10 bls, S B Penick & Co, President Roosevelt, Southampton
15 bls, R J Prentiss & Co, President Roosevelt, Southampton
15 bls, President Roosevelt, Southampton
39 bls, Berengaria, Southampton
CAMPHOR, CRUDE—1,260 cs, Mitsui & Co, Kwanto, Keelung
CANARY SEED—150 bgs, Express, Istanbul
764 bgs, A G Dunn, Southern Prince, Buenos Aires
CARAWAY SEED—300 bgs, 33,000 lbs, M Witsenburg, Maasdam, Rotterdam
CARBON DECOLORIZING—50 bgs, R W Greeff & Co, Maasdam, Rotterdam
CARDAMOM—5 cs, W Martin, Musa, Porto Barrios
30 tins, 5 dms, P H Petry & Co, Musa, Porto Barrios
CASEIN—134 bgs, D C Andrews & Co, Hamburg, Hamburg
200 bgs, Samaria, Liverpool
CASTOR BEANS—3,731 bgs, Bunge North American Grain Co, Uruguayo, Santos
1,167 bgs, Spencer Kellögg & Sons, Southern Prince, Rio Janeiro
CHALK, PRECIPITATED—1,700 cks, 86 tons, 18 cwts, Colgate-Palmolive-Peet Co, Kelso, Newcastle
525 bgs, H J Baker & Bro, Samaria, Liverpool
VIENNA—1 dm, Eimer & Amend, Hamburg, Hamburg
CHAMOIS—5 cs, American Sponge & Chamois Co, President Roosevelt, Havre
CHEMICALS—27 cks, Hydro Engineering & Chem Co, Maasdam, Rotterdam
6 dms, 116 cks, 312 bgs, 1 cs, Advance Solvents & Chem Co, Maasdam, Rotterdam
47 dms, Th Goldschmidt Corp, Maasdam, Rotterdam
300 cks, Wm Neuberg, Maasdam, Rotterdam
50 cks, 50 dms, American Cyanamid & Chem Co, Maasdam, Rotterdam
CHEMICALS—20 cks, P C Kuyper & Co, Maasdam, Rotterdam
7 bottles, General Dyestuff Corp, Maasdam, Rotterdam
4 pkgs, Hoffmann La Roche, Europa, Bremen
1,005 bgs, African Metals Corp, Henri Jaspar, Antwerp
10 cks, 2 pkgs, E W C Toepfer, Black Eagle, Rotterdam
10 cks, Philip Bauer Co, Black Eagle, Rotterdam
2 cks, Advance Solvents & Chem Co, Black Eagle, Rotterdam
50 bbls, 250 bgs, Philipp Bros, Black Eagle, Rotterdam
4 cs, Anglo French Laboratories, President Roosevelt, Havre
2 cs, Lo Curto & Funk, Hamburg, Hamburg
3 cs, Sherka Chem Co, Hamburg, Hamburg
1 cs, Calco Chem Co, Hamburg, Hamburg
10 cks, Jungmann & Co, Hamburg, Hamburg
69 cks, 10 cs, 10 dms, Hamburg, Hamburg
50 kgs, 40 cs, Hummel Chem Co, Hamburg, Hamburg
4 cks, E I Du Pont de Nemours & Co, Hamburg, Hamburg
40 cks, 40 demjs, D C Andrews & Co, Hamburg, Hamburg
2 cs, 10 dms, Eimer & Amend, Hamburg, Hamburg
7 cs, Sandoz Chem Works, Hamburg, Hamburg
270 carboys, E W C Toepfer, Hamburg, Hamburg
45 cs, Bergstrom Trading Co, Hamburg, Hamburg
192 cs, Mallinckrodt Chem Works, Hamburg, Hamburg
28 kgs, 2 cks, 6 cs, Pfaltz & Bauer, Hamburg, Bremen
250 cks, Reichard Coulston, Hamburg, Bremen
5 cks, Hamburg, Hamburg
2 pkgs, Carbic Color & Chem Co, Hamburg, Hamburg
10 cs, E Fougera & Co, Winnipeg, Havre
3 cks, Lo Curto & Funk, Winnipeg, Havre
6 cs, G J Wallau, Winnipeg, Havre
40 cans, 50 bbls, International Selling Corp, Winnipeg, Havre
5 cs, Vandegrift & Co, Normandie, Havre
5 cs, E Fougera & Co, Normandie, Havre
1 bbl, Pay & Baker, Normandie, Havre
2 cs, Ryer & Co, Normandie, Havre
3 cs, Mallinckrodt Chem Works, Normandie, Havre
1 bbl, Doherty & Co, Normandie, Havre
16 pkgs, J H Lowenstein & Son, Normandie, Havre
20 dms, 27 bbls, Bergstrom Trading Co, Drottningholm, Gothenburg
10 dms, Advance Solvents & Chem Co, Pennland, Antwerp
2 cks, Lo Curto & Funk, Aurania, London
CHILLIES—200 bgs, Joensson Import Corp, Eidsvold, Kobe
1,045 bgs, City of Batavia, Port Sudan
CHINA CLAY—858 bgs, 132,000 lbs, Milton Greenebaum, Hamburg, Hamburg
4 bgs, Yardley & Co, Aurania, London
CHROME SALT—4 cks, Carbic Color & Chem Co, Hamburg, Hamburg
CINCHONA PRODUCTS—26 cs, 110 dms, R W Greeff & Co, Maasdam, Rotterdam
CINNABAR—4 cs, 1,311 lbs, A Hurst & Co, Excello, Leghorn
CLAY—86 cks, Milton Greenebaum, Black Eagle, Rotterdam
600 bgs, W Manley, President Roosevelt, Hamburg
750 bgs, W Manley, Hamburg, Hamburg
COALTAR, DERIVATIVES—20 cks, General Aniline Works, Maasdam, Rotterdam
11 cks, General Aniline Works, Europa, Bremen
INTERMEDIATES—5 cks, General Aniline Works, Maasdam, Rotterdam
17 bots, 48 cks, 86 dms, General Dyestuff Corp, Maasdam, Rotterdam
2 cs, General Dyestuff Corp, Hamburg, Hamburg
6 dms, Sandoz Chem Works, Hamburg, Hamburg
COBALT, METAL—60 cks, 31,548 lbs, Black Eagle, Antwerp
COCOA BEANS—750 bgs, Wessel, Duval & Co, Medea, Puerto Cabello
300 bgs, Royal Bank of Canada, Medea, Puerto Cabello
270 bgs, Robin Advir, Trinidad
1,500 bgs, Curacao Trading Co, Oranje Nassau, La Guaira
100 bgs, Scholtz & Co, Oranje Naesau, La Guaira
100 bgs, Cristobal, Cristobal
71 bgs, W & A Leaman, Pastores, Cape Haitien
1,784 bgs, Busi & Stephenson, Padnsay, Lagos
1,800 bgs, Francaise de l'Afrique Occid, Padnsay, Saltpond
2,000 bgs, Afram Product Corp, Padnsay, Takoradi
3,200 bgs, Rockwood & Co, Padnsay, Takoradi
6,720 bgs, Francaise de l'Afrique Occid, Paynsay, Takoradi
810 bgs, United Africa Co, Padnsay, Grand Bassam
4,848 bgs, Francaise de l'Afrique Occid, Paynsay, Grand Bassam
1,290 bgs, United Africa Co, Padnsay, Port Bouet
16,155 bgs, Balfour, Guthrie & Co, Padnsay, Port Bouet
14,145 bgs, Balfouth Guithrie & Co, Padnsay Koko
960 bgs, Balfour, Guthrie & Co, Padnsay, Winnebah
2,090 bgs Balfour, Guthrie & Co, Padnsay, Cape Coast
800 bgs, Balfour, Guthrie & Co, Padnsay, Takoradi
4,620 bgs, Balfour, Guthrie & Co, Padnsay, Port Bouet
100 bgs, Wessel, Duval & Co, Cumbal, Bahia
500 bgs Chincha, Trinidad
272 bgs, Machado & Co, Ponce, Puerto Plata
50 bgs, Royal Bank of Canada, Ponce, Puerto Plata
125 bgs, Porcella, Vincini & Co, Ponce, Puerto Plata
319 bgs, Gillespie & Co, Ponce, Sanchez
COCONUTS — 300 bgs, 30,000 lbs, Standard Fruit S S Co, Atlantida, La Ceiba
380 bgs, 38,000 lbs, General Foods Corp, Cristobal, Cristobal
1,000 bgs, 100,000 lbs, I L Toledano Corp, Cristobal, Cristobal
965 bgs, 96,500 lbs, Durkee Famous Foods, Pastores, Kingston
135 bgs, 13,500 lbs, J A Manton, Pastores, Kingston
COCONUTS—210 bgs, 21,000 lbs, Royal Bank of Canada, Pastores, Kingston
500 bgs, 50,000 lbs, A N Leakway & Co, Pastores, Kingston
2,234 bgs, 223,400 lbs, General Foods Corp, Pastores, Kingston
COLORS—2 bbls, Koenigstein, Antwerp
52 pkgs, Fulton Dye & Import Co, Winnipeg, Havre
1 cs, W J Byrnes & Co, Samaria, Liverpool
CERAMIC—4 cs, B F Drakenfeld & Co, Samaria, Liverpool
DRY—2 cs, Charles Happel, President Roosevelt, Hamburg
EARTH, MINERAL—448 bgs, Robinson-Wagner Co, Aurania, Southampton
PIGMENT—14 jugs, General Dyestuff Corp, Maasdam, Rotterdam
COLUMBITE ORE—840 bgs, Ledoux & Co, Paunsay, Lagos
CONDURANGA BARK—50 bgs, W R Grace & Co, Cumbal, Paita
COPAIBA BALSAM—32 cs, Dodge & Olcott Co, Cristobal, Cristobal
CORIANDER SEED—38 bgs, Hamburg, Hamburg
22 bgs, Front Bros Import & Export Co, Batory, Gdynia
18 bls, Budde & Westerman, Winnipeg, Havre
CORK—84 bls, Excello, Catania
SHAVINGS—379 bls, Johnson-Turner Trading Co, Monbaldo, Bona
VIRGIN—379 bls, Johnson-Turner Trading Co, Monbaldo, Bona
150 bls, Johnson-Turner Trading Co, Monbaldo, Bougie
281 bls, Express, Djidjelli
WASTE—7,227 bls, Johnson-Turner Trading Co, Monbaldo, Bona
1,830 bls, Johnson-Turner Trading Co, Monbaldo, Bougie
8,207 bls, Johnson-Turner Trading Co, Monbaldo, Lisbon
400 bls, H Suhl, Birmania, Algeri
1,132 bls, Armstrong Cork Co, Excello, Seville
2,902 bls, Express, Djidjelli
WOOD—498 bls, Johnson-Turner Trading Co, Monbaldo, Bona
60 bls, H Suhl, Birmania, Algeri
70 bls, H Suhl, Excello, Seville
25 bls, Wicander & Co, Excello, Seville
345 bls, L Mundet & Sons, Express, Djidjelli
790 bls, Express, Djidjelli
COTTON LINTERS—54 bls, First National Bank of Boston, Uruguayo, Santos
CREOSOTE—1 cs, E Fougera & Co, American Banker, London
CRYOLITE—165 bgs, N Y Central R R, Hamburg, Hamburg
CUBEBS—40 bgs, Glaucus, Singapore
CUTTLEFISH BONES—100 cs, Independence Hall, Bordeaux
50 cs, J L Hopkins & Co, Independence Hall, Bordeaux
DIGITALIS LEAVES—16 cs, J L Hopkins & Co, President Roosevelt, Hamburg
DRUGS—2 cs, Winnipeg, Havre
2 dms, Central Hanover Bank, Aurania, London
35 cs, Central Hanover Bank, Berengaria, Southampton
21 cs, American Banker, London
DYES, ALIZARIN—3 jugs, 16 dms, 71 cks, General Dyestuff Corp, Maasdam, Rotterdam
2 dms, General Dyestuff Corp, Europa, Bremen
2 cks, E I Du Pont de Nemours & Co, Samaria, Liverpool
ANILIN—1 cs, 29 dms, 277 cks, General Dyestuff Corp, Maasdam, Rotterdam
43 cks, Ciba Co, Europa, Bremen
2 dms, Sandoz Chemical Works, Europa, Bremen
17 cks, Geigy Co, Europa, Bremen
1 pkg, General Dyestuff Corp, Europa, Bremen
5 bbls, L & R Organic Product Co, Black Eagle, Antwerp
9 dms, Kwanto, Osaka
7 dms, Sandoz Chemical Works, Hamburg, Hamburg
6 dms, 42 kegs, Carbic Color & Chemical Co, Hamburg, Hamburg
2 cks, 1 cs, General Dyestuff Corp, Hamburg, Hamburg
1 cs, Ciba Co, Samaria, Liverpool
DYESTUFF—39 pkgs, E I Du Pont de Nemours & Co, Yucatan, Vera Cruz
ERGOT—25 cs, Black Eagle, Antwerp
FAT—5 bbls, Welch, Holme & Clark, Hamburg, Hamburg
FERTILIZER—3,500 bgs, Mitsubishi Shoji Kaisha, Eidsvold, Kobe
30 cs, American Trading Co, Eidsvold, Yokohama
NITRATE PHOSPHATE—1,000 bgs, Synthetic Nitrogen Product Corp, Pennland, Antwerp
FILTER PAPER—5 cs, H Reeve Angel & Co, Hamburg, Hamburg
14 cs, H Reeve Angel & Co, Aurania, London
FLAXSEED — 3,961,800 kilos, 158,472 bus, Archer, Daniels, Midland Co, Uruguayo, Buenos Aires
FLEASEED—152 bgs, Samaria, Liverpool
GAMBIER—425 cs, E E Androvette, Glaucus, Penang
200 cs, Chase National Bank, Glaucus, Singapore
GELATIN, POWDERED—25 cs, International Selling Corp, Koenigstein, Antwerp
38 bgs, T M Duche & Sons, Pennland, Antwerp
100 bgs, Pennland, Antwerp
SHEETS—34 cs, American Express Co, Black Eagle, Rotterdam
GINGER ROOT—75 bgs, Otto Gerdau Co, Pastores, Kingston
1,000 bgs, Superintendence Co, Padnsay, Freetown
885 bgs, G B Ollivent, Padnsay, Freetown
680 bgs, Padnsay, Freetown
GLASS, SHEET—5 cs, Koenigsstein, Antwerp
WINDOW—632 cs, Semon Bache & Co, Henri Jaspar, Antwerp
4,472 cs Henri Jaspar, Antwerp
8 cs, J H Faunce, Black Eagle, Antwerp
1,250 cs, Columbia Metal & Frame Co, Black Eagle, Antwerp
497 cs, Mark & Bros, Black Eagle, Antwerp
43 cs, Semon Bache & Co, Black Eagle, Antwerp
300 cs, Vitrea Co, Excello, Leghorn
1,301 cs, Vitrea Corp, President Roosevelt, Hamburg
1,452 cs, Vitrea Corp, President Roosevelt, Hamburg
15 cs, Semon Bache & Co, President Roosevelt, Hamburg
6 cs, Leo Popper & Sons, Samaria, Liverpool
2 cs, Semon Bache & Co, Samaria, Liverpool
GLUE—58 cs, Rex & Reynolds, Independence Hall, Bordeaux
120 bgs, National Adhesive Corp, Hamburg, Hamburg
40 bls, Chase National Bank, Hamburg, Bremen
80 pkgs, International Selling Corp, Winnipeg, Havre
20 bgs, Geo H Hemmel, Samaria, Liverpool
BONE—300 bgs, Hamburg, Hamburg
300 bgs, Vulcania, Trieste
HIDE—200 bgs, Vulcania, Trieste
GLYCERIN—20 dms, 12 tons, 3 cwt, 2 qtrs, 24 lbs, Armour Soap Works, Kelso, Newcastle
146 dms, Cape Corso, Buenos Aires
39 dms, Black Eagle, Rotterdam
137 dms, Hamburg, Hamburg
20 cks, Winnipeg, Havre
50 dms, Pennland, Antwerp
30 dms, Chincha, Durban
87 dms, Southern Prince, Buenos Aires
GRAPHITE—1 cs, Charles Mathieu, Excello, Genoa
584 bgs, Asbury Graphite Mills, City of Batavia, Colombo
299 bgs, National City Bank, City of Batavia, Colombo
276 bgs, City of Batavia, Colombo
511 bgs, C E Pettinos, Mahout, Colombo
GUM, ARABIC—300 bgs, Innis, Speiden & Co, Mahout, Port Sudan
500 bgs, H Heide, Mahout, Port Sudan
250 bgs, S B Penick & Co, Mahout, Port Sudan
250 bgs, S B Penick & Co, Mahout, Port Sudan
250 bgs, T M Duche & Sons, Mahout, Port Sudan
BENZOIN—2 cs, J L Hopkins & Co, Aurania, London
9 cs Glaucas, Hongkong
CHICLE—254 bls, Mexican Exploitation Co, Yucatan, Vera Cruz
364 bls, Mexican Exploitation Co, Musa, Puerto Barrios
COPAL—500 bgs, O G Innes Corp, Henri Jaspar, Antwerp
100 bgs, S Winterbourne & Co, Henri Jaspar, Antwerp
100 bgs, W H Scheel, Henri Jaspar, Antwerp
100 bgs, American Cyanamid & Chem Co, Henri Jaspar, Antwerp
DAMMAR—420 bgs, Thurston & Braidich, Glaucus, Singapore
GRASSTREE—10 bgs, Canadian Challenger, Sydney
KARAYA—127 bgs, Bank of N Y Trust Co, Samaria, Liverpool
280 bgs, Brown Bros Harrimann Co, Samaria, Liverpool
651 bgs, Samaria, Liverpool
190 bgs, Thurston & Braidich, Samaria, Liverpool
67 bgs, A D Isbetcherian, Pennland, Antwerp
255 bgs, Frank Vliet Co, Pennland, Antwerp
633 bgs, Pennland, Antwerp
KAURI—17 cs, France, Campbell & Darling, Canadian Highlander, Auckland
65 cs, 22 bgs, S Winterbourne & Co, Canadian Highlander, Auckland
LOCUST BEAN—15 bgs, 3,410 lbs, Innis, Speiden & Co, Rex, Genoa
100 bgs, 22,726 lbs, T M Duche & Sons, Rex, Genoa
15 bgs, 15 cs, Rex, Genoa
110 cs, 24,400 lbs, Guaranty Trust Co, Excello, Genoa
70 bgs, 7,700 lbs, T M Duche & Sons, Hamburg, Hamburg
OLIBANUM—211 bgs, Frank Vliet Co, Pennland, Antwerp
TALHA—60 bgs, S B Penick & Co, Mahout, Port Sudan
TRAGACANTH—166 cs, S B Penick & Co, Hamburg, Hamburg
VARNISH—5 bbls, Southern Prince, Rio de Janeiro
YACCA—1,287 bgs, Canadian Challenger, Adelaide
GYPSUM—3,900 tons, U S Gypsum Co, Gypsum Prince, Windsor
5,900 tons, U S Gypsum Empress, Windsor
2,800 tons, U S Gypsum, Fidra, Windsor
CALCINED—366 bgs, 15 tons, 10 cwts, 1 qtr, 22 lbs, Whittaker, Clark & Daniels, Kelso, Newcastle
300 bgs, Whittaker, Clark & Daniels, Samaria, Liverpool
HENNA LEAVES—31 bls, Mahout, Port Sudan
HERBS MEDICINAL—3 bls, E C Diez Drug Co, Hamburg, Hamburg
6 cs, Rohner, Gehrig & Co, Pennland, Antwerp
HOPS—13 bls, Victory Shipping Co, Hamburg, Hamburg
7 bls, American Express Co, Hamburg, Hamburg
73 bls, Rode & Voigt, Hamburg, Hamburg
4 bls, Globe Shipping Co, Hamburg, Hamburg
5 bls, Freedman & Slater, Hamburg, Hamburg
15 bls, Globe Shipping Co, Hamburg, Bremen
52 bls, R F Downing & Co, Batory, Gdynia
IPECAC ROOT—20 bgs, Wessel, Duval & Co, Cristobal, Cristobal
IRISH MOSS—120 bls, S B Penick & Co, Winnipeg, Havre
10 bls, Murray & Nickells Mfg Co, Winnipeg, Havre
10 bls, Peek & Velsor, Winnipeg, Havre
30 bls, C H Reisig Winnipeg, Havre
25 bls, Winnipeg, Havre
50 bls, Innis, Speiden & Co, Normandie, Havre
2 kgs, P H Petry & Co, Aurania, London
IRON OXIDE—10 cks, J Lee Smith & Co, Kelso, Newcastle
120 cks, Stanley Doggett, Koenigstein, Antwerp
42 cks, J A McNulty, Samaria, Liverpool
SAND—300 bgs, 13 tons, 13 cwt, 24 lbs, J Weiss & Co, Kelso, Aberdeen
ISINGLASS—20 cs, Charles H Reisig, Samaria, Liverpool
LICORICE PASTE—10 cs, 2,578 lbs, Wm M Allison & Co, Excello, Catania
ROOT—154 bgs, 11,213 lbs, S B Penick & Co, Express, Odunluk
93 bgs, 6,771 lbs, W E Martin, Express, Odunluk
LOOFAHS—20 bls, Schroeder & Tremayne, Eidsvold, Kobe
MAGNESIA, CALCINED — 50 cs, Schofield-Donald Co, Samaria, Liverpool
CITRATE—100 cs, E J Petrosemolo, Rex, Genoa
MANGROVE BARK—5,096 bgs, Chincha, Beira
EXTRACT—1,000 bgs, Glaucus Singapore
MEDICINAL PREPS—14 cs, Italian Drug Import Co, Rex, Genoa
3 bbls, C L Huisking & Co, Maasdam, Rotterdam
9 cs, Burroughs, Welcome & Co, American Banker, London
MENTHOL—50 cs, 3,000 lbs, Kwanto, Kobe
50 cs, Kachurin Drug Co, Komaki, Kobe

METAL LEAF—1 cs, Phoenix Shipping Co, Hamburg, Hamburg
MICA—59 cs, President Roosevelt, Havre
27 cs, Philadelphia National Bank, Mahout, Calcutta
400 cs, Mahout, Calcutta
65 cs, Winnipeg, Havre
177 cs, Ford Radio & Mica Corp, American Banker, London
26 cs, American Banker, London
10 cs, F D Pitts, Southern Prince, Buenos Aires
36 cs, First National Bank, Southern Prince, Rio de Janeiro
45 cs, Trust Co of North America, Southern Prince, Santos
20 cs, Brown Bros-Harriman Co, Southern Prince, Rio de Janeiro
DISCS—5 cs, Gillespie, Rogers, Pyatt Co, City of Batavia, Calcutta
FILMS—12 cs, City of Batavia, Calcutta
SCRAP—500 bgs, Argenti & Co, City of Batavia, Calcutta
986 bgs, City of Batavia, Calcutta
SPLITTINGS—64 cs, Gillespie, Rogers, Pyatt Co, City of Batavia, Calcutta
400 cs, General Electric Co, City of Batavia, Calcutta
220 cs, City of Batavia, Calcutta
140 cs, Brown Bros-Harriman Co, Mahout, Calcutta
50 cs, General Electric Co, Mahout, Calcutta
16 cs, Samaria, Liverpool
6 cs, American Banker, London
MINERAL WHITE—266 bgs, 13 tons, 6 cwt, Hammill & Gillespie, Kelso, Newcastle
543 bgs, 50 tons, 15 cwt, C B Chrystal & Co, Kelso, Newcastle
MOLASSES — 96,600 gls, Seatrain Havana, Havana
MONOMETHYLAMINE — 12 dms, Gane & Ingram, Pennland, Antwerp
MUSTARD SEED—150 bgs, 16,500 lbs, J M Bacharach, Excello, Catania
500 bgs, American Banker, London
MYROBALANS—8,000 pockets, National City Bank, Mahout, Calcutta
EXTRACT—360 bgs, International Product Corp, Kelso, Newcastle
NAPHTHALENE—486 bgs, Calco Chemical Co, Black Eagle, Rotterdam
800 bgs, F B Bertrand, Black Eagle, Rotterdam
234 bgs, Associated Metal & Mineral Corp, Black Eagle, Rotterdam
115 bgs, F B Bertrand, Capulin, Hull
OIL, ANISE—5 dms, Kwanto, Canton
BERGAMOT—122 cs, Rex, Naples
25 cs, Geo Lueders & Co, Excello, Messina
61 cs, Lo Curto & Funk, Excello, Messina
CAMPHOR—10 dms, Dodge & Olcott Co, Komaki, Yokohama
CHINAWOOD—103 dms, Kwanto, Canton
200 tons, Bunge North American Grain Co, Kwanto, Shanghai
200 tons, Bank of California National Assn, Kwanto, Hankow
CINNAMON LEAF—2 dms, Volkart Bros, City of Batavia, Colombo
CITRONELLA—26 dms, Lo Curto & Funk, Aurania, London
8 dms, Glaucus, Batavia
COCONUT—390 tons, Glaucus, Manila
COD—150 dms, I R Boody & Co, Eidsvold, Kobe
400 dms, Hamburg, Hamburg
1 dm, J D Irwin & Co, Hamburg, Hamburg
CODLIVER—499 dms, Brown Bros Harriman Co, Kelso, Newcastle
150 dms, National Oil Product Co, Kelso, Newcastle
182 dms, J D Irwin & Co, President Roosevelt, Hamburg
50 bbls, Schieffelin & Co, President Roosevelt, Hamburg
CORN—250 dms, Balfour, Guthrie & Co, Maasdam, Rotterdam
93 dms, W A Benta, Kelso, Newcastle
250 dms, Corn Product Refg Co, President Roosevelt, Hamburg
51 dms, Aurania, London
600 dms, Corn Product Refg Co, Caledonia, Glasgow
COTTONSEED—275 dms, Uruguayo, Santos
545 tons, 10 cwt, Southern Cotton Oil Co, Kelso, Newcastle
301 tons, Durkee Famous Foods, Komaki, Moji
298 tons, Bunge North American Grain Co, Komaki, Kobe
DILLSEED—4 cs, 534 lbs, G F Doherty, Hamburg, Hamburg
ESSENTIAL — 24 cs, President Roosevelt, Havre
19 cs, Winnipeg, Havre
20 pkgs, Normandie, Havre
3 cs, Berengaria, Southampton
2 dms, Komaki, Yokohama
EUCALYPTUS—10 dms, MacCoy Sales Co, Canadian Challenger, Melbourne
6 dms, W J Bush & Co, Canadian Challenger, Melbourne
14 dms, 100 cs, Dodge & Olcott Co, Canadian Challenger, Melbourne
29 dms, Dodge & Olcott Co, Canadian Challenger, Sydney
FUEL—68,000 bbls, Mexican Petroleum Corp, S B Hunt, Porto Mexico
110,000 bbls, Standard Oil Co of N J, Standard, Aruba
70,000 bbls, Standard Oil Co of N J, Elisha Walker, Aruba
2,799,729 gls, Standard Oil Co of N J, Joseph Seep, Porto Mexico
OIL, FUEL—11,080 bbls, Asiatic Petroleum Corp, Rapana, Curacao
65,708 bbls, Shell Union Oil Corp, Rapana, Curacao
77,940 bbls, Standard Oil Co of N J, Nyholt, Aruba
99,000 bbls, Standard Oil Co of N J, H H Rogers, Aruba
FISH—73 dms, S Emy, Eidsvold, Yokohama
40 dms, Kwanto, Yokohama
60 dms, S Emy, Komaki, Yokohama
GERANIUM—6 dms, Chincha, Durban
LEMON—19 cs, Citrus & Allied Essential Oil Inc, Excello, Syracuse
50 cs, Lo Curto & Funk, Excello, Messina
LIME—2 cs, Pastores, Kingston
5 cs, Aurania, London
6 cs, T A Hedley, Southern Prince, Port Spain
LUBRICATING—50 bbls, M W Kellogg & Co, Independence Hall, Bordeaux
500 dms, Henri Jaspar, Antwerp
MAWAH—9 dms, Eric Coupey, Robin Adair, Mombasa
MINERAL—40 dms, Hamburg, Hamburg
30 cks, Seven Seas Merc Transport Co, Vulcania, Trieste
OITICICA—25 dms, Southern Prince, Rio de Janeiro
OLIVE—50 cs, 35 dms, Rex, Genoa
25 dms, Taarminia Corp, Birmania, Leghorn
50 dms, Venice Importing Co, Birmania, Leghorn
50 dms, Agash Refg Corp, Birmania, Leghorn
50 dms, Leghorn Trading Co, Birmania, Leghorn
100 dms, L Crisofulli, Birmania, Leghorn
40 dms, F Alissco, Birmania, Leghorn
25 dms, B Dorman, Birmania, Leghorn
3,401 cs, Birmania, Leghorn
200 dms, Stefano Crisafulli, Birmania, Genoa
50 dms, Moscahiades Bros, Birmania, Genoa
940 cs, Birmania, Genoa
1,135 cs, 20 cks, Excello, Leghorn
145 cks, F Mosca, Excello, Leghorn
13 cks, Excello, Palermo
4,225 cs, Excello, Seville
100 dms, Leghorn Trading Co, Vulcania, Patras
PALM—347 bbls, 8 dms, Balfour, Guthrie & Co, Kelso, Newcastle
41 cks, Balfour, Guthrie & Co, Black Eagle, Rotterdam
1,650 tons, Van Leeuwen Boomkamp & Co, Glaucus, Belawan Deli
PALMKERNEL—100 dms, Balfour, Guthrie & Co, Maasdam, Rotterdam
200,000 kilos, Durkee Famous Foods, Black Falcon, Rotterdam
131 bbls, Kelso, Newcastle
PEANUT—54 dms, Holland American Line, Maasdam, Rotterdam
100 dms, Maasdam, Rotterdam
10 dms, Lamont, Corliss & Co, Black Eagle, Rotterdam
PERILLA—281,405 kilos, Spencer Kellogg & Sons, Maasdam, Rotterdam
PETITGRAIN — 35 cs, Southern Prince, Buenos Aires
PIMENTO LEAF—1 dm, J A Manton, Pastores, Kingston
ROSEWOOD—1 dm, Yardley & Co, American Banker, London
SESAME—68,000 kilos, Korbro Oil Co, Maasdam, Rotterdam
1,065,425 kilos, Zimmerman-Alderson-Carr Co, Maasdam, Rotterdam
81 dms, N C Littauer, Maasdam, Rotterdam
SHEANUT—218 dms, Balfour, Guthrie & Co, Independence Hall, Bordeaux
SOD—80 cks, C H Reisig, Kelso, Newcastle
SOYBEAN—54 dms, Holland American Line, Maasdam, Rotterdam
150 dms, Balfour, Guthrie & Co, Maasdam, Rotterdam
288 tons, Mitsubishi Shoji Kaisha, Kwanto, Hankow
TEASEED—250 dms, Kwanto, Canton
25 dms, E M Sergeant Pulp & Chem Co, Kwanto, Shanghai
50 dms, Mitsui & Co, Kwanto, Shanghai
33 dms, Arnhold & Co, Kwanto, Hongkong
4 dms, E M Sergeant Pulp & Chem Co, Kwanto, Hongkong
150 dms, Mitsubishi Shoji Kaisha, Kwanto, Hankow
VEGETABLE—325 dms, G Sirota, Maasdam, Rotterdam
615 dms, I R Boody & Co, Maasdam, Rotterdam
7 dms, Fritzsche Bros, Excello, Seville
VETIVER—1 dm, Schimmel & Co, Glaucus, Batavia
5 dms Dodge & Olcott Co, Glaucus, Batavia
OLEIN—5 bbls, 1 ton, 1 cwt, 12 lbs, Port Newark Chem Co, Kelso, Newcastle
ORANGE PEEL—100 bls, 11,000 lbs, Excello, Catania
ORRISROOT—66 bgs, 11,013 lbs, Birmania, Leghorn
19 bgs, 3,344 lbs, J L Hopkins & Co, Excello, Leghorn
PAPAIN—28 half cs, Dodwell & Co, Mahout, Colombo
44 cs, S B Penick & Co, Glaucus, Colombo
PAPRIKA—100 bgs, President Roosevelt, Hamburg
25 bgs, M P Kuezor & Co, President Roosevelt, Hamburg
35 bgs, Victory Shipping Co, Hamburg, Hamburg
PEAT DUST—600 bls, New Amsterdam Mfg & Supply Co, Caledonia, Glasgow
PEATMOSS — 1,817 bls, Premier Peatmoss Corp, Maasdam, Rotterdam
PEPPER, BLACK—960 bgs, Pennland, Antwerp
PETROLEUM, CRUDE—111,780 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
53,076 bbls, Warner Quinlan Co, Lincoln Ellsworth, Tampico
70,139 bbls, Gulf Oil Co, Ima, Las Piedras
PITCH STEARIN—203 dms, A V Berner & Co, Kelso, Newcastle
54 bbls, 90 dms, J J Gavin, Kelso, Newcastle
POTASH, CAUSTIC—310 dms, American Cyanamid & Chemical Co, Hamburg, Hamburg
CHLORATE—200 kegs, International Selling Corp, Independence Hall, Havre
180 bbls, 90 dms, Charles Hardy, Henri Jaspar, Antwerp
750 dms, Uniform Chemical Product Co, Hamburg, Hamburg
200 cs, Innis, Speiden & Co, Hamburg, Hamburg
POTASH, MURIATE—500 bgs, N V Potash Export My, Koenigstein, Antwerp
PERCHLORATE—50 bbls, International Selling Corp, Independence Hall, Havre
PUMICE, ARTIF—25 cs, C B Chrystal & Co, Hamburg, Bremen
PYRETHRUM FLOWERS—25 bgs, Chincha, Mombasa
QUEBRACHO EXTRACT—10,076 bgs, Tannin Corp, Southern Prince, Buenos Aires
4,325 bgs, International Product Corp, Southern Prince, Buenos Aires
QUICKSILVER—80 flasks, Leghorn Trading Co, Rex, Genoa
45 flasks, Chase National Bank, Yucatan, Vera Cruz
200 flasks, Excello, Leghorn
329 flasks, Roura & Forgas, American Banker, London
QUINCE SEED—44 cs, American Banker, London
RAPESEED—953 bgs, Southern Prince, Buenos Aires
RHUBARB—11 cs, Brown Bros-Harriman Co, Kwanto, Shanghai
ROOT, MEDICINAL—6 bls, S B Penick & Co, Vulcania, Trieste
21 cs, 19 bls, Vulcania, Trieste
SAFFRON FLOWERS—4 cs, Andre L Causse, Winnipeg, Havre
1 cs, Andre L Causse, Normandie, Havre
SAGO FLOUR—524 bgs, Guaranty Trust Co, Kwanto, Singapore
400 bgs, Chase National Bank, Kwanto, Singapore
2,830 bgs, Chase National Bank, Komaki, Singapore
SAGE LEAVES—75 bls, Universal Carloading & Distr Co, Vulcania, Trieste
40 bls, Van Loan & Co, Vulcania, Dubrovnik
18 bls, Vulcania, Dubrovnik
SAPONIN—2 cs, Rohner, Gehrig & Co, Europa, Bremen
SEED, MEDICINAL—9 bgs, Geo Lueders & Co, Aurania, Southampton
SESAME SEED—58 bgs, Samaria, Liverpool
SHELLAC—50 cs, 30 bgs, A Hurst & Co, Hamburg, Hamburg
100 bgs, E E Androvette, City of Batavia, Calcutta
200 bgs, France, Campbell & Darling, City of Batavia, Calcutta
100 bgs, A Hurst & Co, City of Batavia, Calcutta
300 bgs, Argenti & Co, City of Batavia, Calcutta
200 bgs, Wm Zinsser & Co, City of Batavia, Calcutta
200 bgs, Guaranty Trust Co, City of Batavia, Calcutta
100 bgs, Chase National Bank, City of Batavia, Calcutta
315 bgs, Wm Zinsser & Co, Mahout, Calcutta
400 bgs, 50 cs, France, Campbell & Darling, Mahout, Calcutta
400 bgs, Argenti & Co, Mahout, Calcutta
100 bgs, Chase National Bank, Mahout, Calcutta
200 bgs, E E Androvette, City of Batavia, Calcutta
50 cs, Irving Trust Co, City of Batavia, Calcutta
150 bgs, 115 cs, Alfred Kramer & Co, City of Batavia, Calcutta
BUTTON LAC — 50 bgs, Gillespie-Rogers-Pyatt Co, City of Batavia, Calcutta
50 bgs, City of Batavia, Calcutta
20 bgs, Wm Zinsser & Co, Mahout, Calcutta
GARNET LAC—50 bgs, France, Campbell & Darling, Mahout, Calcutta
300 bgs, Wm Zinsser & Co, Mahout, Calcutta
50 bgs, Argenti & Co, Mahout, Calcutta
SEEDLAC—400 bgs, E E Androvette, City of Batavia, Calcutta
900 bgs, Bank of London South America, City of Batavia, Calcutta
600 bgs, Chase National Bank, City of Batavia, Calcutta
175 cs, 400 bgs, Guaranty Trust Co, City of Batavia, Calcutta
200 bgs, Brown Bros Harriman Co, City of Batavia, Calcutta
600 bgs, Wm Zinsser & Co, City of Batavia, Calcutta
250 bgs, Mantrose Corp, City of Batavia, Calcutta
100 bgs, 110 cs, City of Batavia, Calcutta
1,200 bgs, Guaranty Trust Co, Mahout, Calcutta
400 bgs, Argenti & Co, Mahout, Calcutta
400 bgs, Chase National Bank, Mahout, Calcutta
100 bgs, E E Androvette, Mahout, Calcutta
200 bgs, Mahout, Calcutta
SIENNA—50 cks, 29,904 lbs, Excello, Leghorn
SOAP, BARK—381 bls, Duncan, Fox & Co, Marna, San Antonia
SOAP—4 cs, President Roosevelt, Havre
MILLINGS—4 cs, Yardley & Co, American Banker, London
SODA HYDROSULPHITE—7 cs, 105 dms, General Dyestuff Corp, Black Eagle, Antwerp
70 dms, Hamburg, Hamburg
30 dms, Charles Hardy, Samaria, Liverpool
SILICOFLUORIDE—200 bgs, 44,000 lbs, H Sundheimer, Birmania, Leghorn
SULPHIDE—52 dms, Advance Solvents & Chem Co, Koenigstein, Antwerp
SOOT—25 bgs, Caledonia, Glasgow
SOYBEAN MEAL—1,500 bgs, Mitsui & Co, Kwanto, Hankow
SPONGES—52 bls, Yucatan, Havana
20 bls, Oriente, Havana
REFUSE—7 bls, Oriente, Havana
SQUILL—40 bgs, 4,400 lbs, R J Prentiss & Co, Excello, Catania
43 bgs, 4,800 lbs, J L Hopkins & Co, Excello, Palermo
STARCH, POTATO—100 bgs, Continental Grain Corp, Maasdam, Rotterdam
RICE—20 bgs, S Stern, Stiner & Co, Henri Jaspar, Antwerp
112 bbls, Stein, Hall & Co, Henri Jaspar, Antwerp
68 bbls, Gold Par Prod Co, Henri Jaspar, Antwerp
100 cks, Habicht, Braun & Co, Hamburg, Bremen
SUMAC—350 bgs, 55,825 lbs, Eaunic Corp, Excello, Palermo
SYNTHETIC PRODUCT—5 bbls, Givaudan-Delawanna, Normandie, Havre
TALC—1,650 bgs, Charles Mathieu, Birmania, Genoa
200 bgs, C B Chrystal & Co, Birmania, Genoa
250 bgs, Charles Mathieu, Birmania, Leghorn
500 bgs, Whittaker, Clark & Daniels, Eidsvold, Kobe
300 bgs, C B Chrystal & Co, Independence Hall, Bordeaux
1,130 bgs, L A Salomon & Bro, Independence Hall, Bordeaux
200 bgs, Hammill & Gillespie, Independence Hall, Bordeaux
1,700 bgs, Whittaker, Clark & Daniels, Independence Hall, Bordeaux
1,635 bgs, 1 cs, Charles Mathieu, Excello, Genoa
200 bgs, Charles Mathieu, Excello, Leghorn
2 bgs, Thomas & Pierson, Winnipeg, Havre
TALLOW—50 dms, Anglo California National Bank, Canadian Challenger, Melbourne
230 dms, 25 cks, Guaranty Trust Co, Southern Prince, Montevideo
272 tcs, H J Baker & Bros, Southern Prince, Buenos Aires
VEGETABLE—20 cs, Th Goldschmidt Corp, Maasdam, Rotterdam
500 bgs, Arnhold & Co, Kwanto, Hankow
TALLOW, VEGETABLE—240 bgs, Philadelphia Natl Bank, Kwanto, Hankow
277 bgs, Bank of California Natl Assn, Kwanto, Hankow
TANKAGE—394 bgs, Cape Corso, Buenos Aires
591 bgs, Wilson & Co, Southern Prince, Buenos Aires
TANNING MATERIAL—1 ck, Geigy & Co, Europa, Bremen
TAPIOCA FLOUR—551 bgs, Morningstar Nicol, Glaucus, Pasoeroean
1,203 bgs, Stein, Hall & Co, Glaucus, Soerabaya
500 bgs, Java American Export Co, Glaucus, Cheribon
258 bgs, Overton & Co, Glaucus, Cheribon
1,070 bgs, Balfour, Guthrie & Co, Glaucus, Pamanockan
250 bgs, Java American Export Co, Glaucus, Batavia
TARTAR—127 bgs, Charles Pfizer & Co, Excello, Naples
228 bgs, Davies, Turner & Co, Excello, Naples
454 bgs, Excello, Naples
253 bgs, Charles Pfizer & Co, Excello, Catania
404 bgs, Charles Pfizer & Co, Excello, Messina
TRIETHANOLAMINE—1 cs, Yardley & Co, American Benker, London
TUNGSTEN CONCENTRATES—200 bgs, 10 tons, W H Smith, Robin Adair, Beira
ULTRAMARINE—8 cs, 2 cks, General Dyestuff Corp, Maasdam, Rotterdam
URANIUM OXIDE BLACK—25 bbls, Central Trading Corp, Koenigstein, Antwerp
UREA—600 bgs, Synthetic Nitrogen Product Corp, Pennland, Antwerp
VALONEA—7,042 bgs, Barkey Import Co, Express, Oduniuk
EXTRACT—566 bgs, Tannin Corp, Express, Oduniuk
TRILLO—1,384 bgs, Barkey Import Co, Express, Oduniuk
VANILLA BEANS—22 cs, Zink & Triest, Yucatan, Vera Cruz
10 cs, Winnipeg, Havre
6 cs, Normandie, Havre
23 cs, Guaranty Trust Co, Normandie, Havre
CUTS—31 cs, Marine Midland Trust Co, Yucatan, Vera Cruz
23 cs, F Huber & Co, Yucatan, Vera Cruz
WATER MINERAL—25 cs, Olaf Hertzig Trading Co, Drottningholm, Gothenburg
100 cs, Meadows, Wije & Co, American Banker, London
WATTLE BARK—1,151 bls, Chincha, Mombasa
1,650 bls, Tannin Corp, Chincha, Durban
WAX, BEES—5 bgs, Yucatan, Vera Cruz
58 bgs, Oriente, Havana
17 bgs, W R Grace & Co, Santa Rita, Valparaiso
190 bgs, Will & Baumer Candle Co, Marna, Talcahuano
8 bgs, 6 seroons, Porcella, Vicini & Co, Ponce, Pto Plata
CARNAUBA—23 bgs, Southern Prince, Rio Janeiro
MINERAL—100 bgs, General Dyestuff Corp, Maasdam, Rotterdam
MONTAN—885 bgs, Strohmeyer & Arpe Co, Hamburg, Hamburg
OZOKERITE—65 bgs, 1 cs, Heemsoth, Kerner Corp, Hamburg, Hamburg
50 bgs, Strohmeyer & Arpe Co, Vulcania, Trieste
40 bgs, E A Bromund & Co, Vulcania, Trieste
VEGETABLE—50 bgs, Mecke & Co, Pastores, Cristobal
20 bgs, Wm M Allison & Co, Caledonia, Glasgow
32 bgs, Wm M Allison, American Banker, London
WITHERITE—2,000 bgs, 201 tons, 2 cwt, 3 qtrs, 2 lbs, E I DuPont de Nemours & Co, Kelso, Newcastle
1,000 bgs, 100 tons, 17 cwt, 3 qtrs, 12 lbs, Kelso, Newcastle
WOLFRAM ORE—400 bgs, Canadian Challenger, Melbourne
2,240 bgs, Wah Chang Trading Corp, Kwanto, Shanghai
YEAST — 10 kegs, Compressed Yeast Corp, Hamburg, Hamburg
50 bbls, Vulkan Yeast Co, Hamburg, Hamburg
ZINC OXIDE—100 bbls, Philipp Bros, Pennland, Antwerp
5 cs, Yardley & Co, American Banker, London
ZINC-AMMONIA CHLORIDE—103 cks, American Cyanamid & Chem Corp, Black Eagle, Antwerp

New York Transit Imports

ACID, COTTONSEED OIL—80 bbls, Kelso, Newcastle, Toronto
NAPHTHENIC—31 dms, A E Starkie, Express, Constanza, Chicago
OLEIC — 25 bbls, C Tennant Sons & Co, Kelso, Newcastle, Hamilton
STEARIC—300 bgs, C Tennant Sons & Co, Kelso, Newcastle, Toronto
AGAR AGAR—25 bls, McKesson & Robbins, Kwanto, Kobe, Bridgeport
BLUE ULTRAMARINE—157 cks, Standard Ultramarine Co, Samaria, Liverpool, Huntington
CAMPHOR, REFD—400 cs, 60,000 lbs, McKesson & Robbins, Kwanto, Kobe, Bridgeport
DIACETYL—2 cs, Maasdam, Rotterdam, Buffalo
CHALK, PRECIP—5 bgs, American Banker, London, Phillipsburg
GELATIN—110 kgs, Kelso, Newcastle, Montreal
GLASS, WINDOW—40 cs, Black Eagle, Antwerp, Buffalo
1,000 cs, Eastman Kodak Co, President Roosevelt, Hamburg, Rochester
ISINGLASS — 10 cs, G W Sheldon & Co, American Banker, London, Chicago
MENTHOL—75 cs, 4,500 lbs, McKesson & Robbins, Kwanto, Kobe, Bridgeport
OIL, COTTONSEED—722,004 kilos, Procter & Gamble Co, Express, Alexandria, Cincinnati
SPONGES—8 bls, Oriente, Havana, Buenos Aires
TEAWASTE — 2,062 bgs, Mahout, Calcutta, Maywood

Baltimore Imports

AMMONIA PHOSPHATE—1,867 bgs, Black Gull, Antwerp
ANTIMONY OXIDE—500 bgs, Black Heron, Antwerp
BONEMEAL—500 bgs, West Selene, Buenos Aires
442 bgs, City of Norfolk, Hamburg
BRONZE & ALUMINUM PWDR—30 cs, City of Norfolk, Bremen
CASEIN—834 bgs, West Selene, Buenos Aires
CHEMICALS—249 csks, African Metals Corp, Black Gull, Antwerp
57 csks, City of Norfolk, Hamburg
650 bgs, City of Norfolk, Bremen
10 cs, City of Norfolk, Bremen
100 csks, 62 dms, Spaarndam, Rotterdam
CLAY—220 csks, Black Gull, Rotterdam
200 bgs, City of Norfolk, Hamburg
BURNT—212 bgs, Manchester Exporter, Manchester
REFRACTORY—200 bgs, Black Gull, Antwerp
800 bgs, Black Heron, Antwerp

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CHROME ORE—1,521 tons, E J Lavino Co, Sagadahoc, Beira
4,501 tons, Exhibitor, Fethiye
FERROCHROME—300 cs, Hokkai, Tokyo
FERTILIZER—500 bgs, Order, City of Norfolk, Hamburg
GLYCERIN—40 dms, Black Gull, Antwerp
GRAPHITE, AMORPHOUS—700 dbl bgs, Hokkai, Moji
IRON ORE—8,326 tons, Leo J Buck, Saganaga, Norvik
LEATHERMEAL—1,000 bgs, Spaarndam, Rotterdam
LIVERMEAL—561 bgs, West Selene, Buenos Aires
MANGANESE ORE—8,300 tons, Amtorg Trading Corp, Dalemoor, Poti
4,100 tons, Amtorg Trading Corp, Kalinin, Poti
8,400 tons, Olaf Bergh, Rio Janeiro
8,150 tons, Amtorg Trading Corp, Willamette Valley, Poti
8,275 tons, E J Lavino Co, Hindpool, Takoradi
MANGROVE BARK—1,791 bgs, Sagadahoc, Kilwa Kisiwani
MOLASSES—1,358,721 gals, Cuba Distilling Co, Elizabeth Kellogg, Port Tarafa
OIL, LUBRICATING—160 dms, Black Gull, Antwerp
75 dms, Black Heron, Antwerp
99 dms, City of Norfolk, Hamburg
PETROLEUM, CRUDE—73,810 bbls, Pan-American Ref Corp, Vinga, Las Piedras
POTASH, CHLORATE—100 bbls, 179 dms, Chas Hardy, Schodack, Havre
MURIATE—1,608 tons, N V Potash Export My, Columbia, Bremen
500 bgs, Black Gull, Antwerp
SULPHATE—441 tons, N V Potash Export My, Columbia, Bremen
PEATMOSS—3,615 bls, City of Norfolk, Bremen
PHOSPHATE, PRECIP—280 bgs, H J Baker & Bros, Black Gull, Antwerp
230 bgs, H J Baker & Bros, Black Heron, Antwerp
QUEBRACHO EXTRACT—5,450 bgs, West Selene, Buenos Aires
5,587 bgs, Tanning Corp, West Selene, Buenos Aires
1,200 bgs, International Products Co, West Selene, Buenos Aires
SODA SILICOFLUORIDE—200 bgs, City of Norfolk, Hamburg
SULPHATE—300 tons, City of Norfolk, Bremen
TALLOW, EDIBLE—687 trcs, West Selene, Buenos Aires
TANKAGE—2,693 bgs, West Selene, Buenos Aires
WATTLE BARK—2,566 bls, Tanning Corp, Sagadahoc, Durban
2,057 bls, Sagadahoc, Mombasa

Boston Imports

AMMONIA, CARBONATE—5 dms, American British Chemical Supplies, Caledonia, Glasgow
ANISE—30 bgs, 3,360 lbs, Exochorda, Marseilles
CHALK, PRECIP—5 bgs, Simplex Wire & Cable Co., Wales, Kobe
CHEMICALS—754 bgs, 166,227 lbs, Wasgenwald, Bremen
CHINA CLAY—505 tons, Moore & Munger, Manchester Spinner, Fowey
30 cks, 15 tons, English China Clays Sales Corp, Manchester Spinner, Fowey
550 bgs, 55 tons, English China Clays Sales Corp, Manchester Spinner, Fowey
2,078 tons, English China Clays Sales Corp, Manchester Spinner, Fowey
COCONUT, DESIC—1,150 cs, Franklin Baker Co, Dagfred, Manila
300 cs, Connell Bros, Tai Yang, Davao
100 cs, Durkee Famous Foods, Tai Yang, Zamboanga
50 cs, Philippine Desiccated Cocoanut Corp, Tai Yang, Zamboanga
240 cs, Balfour, Guthrie & Co, Tai Yang, Manila
COLOR, DRY—4 cs, American Express Co, Samaria, Liverpool
COTTONSEED MEAL—6,300 bgs, Mitsubishi Trading Co, Nagara, Osaka
EMERY POWDER—16 bgs, 1 cs, Nicholson & Co, American Banker, London
FENNEL SEED—23 bgs, 3,448 lbs, Exochorda, Marseilles
FERTILIZER—182 bgs, 40,124 lbs, Wasgenwald, Bremen
CHEMICAL MANURE—26 bgs, American Banker, London
FISHLIVERS—1 cs, from Nova Scotia
200 cs, Asano Bussan Co, Nagara, Yokohama
240 cs, Asano Bussan Co, Tai Yang, Yokohama
291 cs, from Japan
34 cs, Nova Scotia
FISHMEAL — 1,000 bgs, Mitsubishi Shoji Kaisha, Tai Yang, Kobe
FORMALDEHYDE SODA SULPHITE — 70 kgs, Philipp Bros, Newfoundland, Liverpool
GINGER, ROOT—112 bgs, Barclay's Bank, Rodney, Kingston
93 bgs, 5 tons, 5 cwts, 20 lbs, Maynard & Child, Samaria, Liverpool
PRESERVED—50 csks, Downer Hunnewell Co, Dagfred, Hongkong
GLASS, WINDOW—975 cs, 190,823 lbs, Capulin, Hamburg
110 cs, 34,893 lbs, Karas & Karas Glass Co, Hamburg
17 cs, 7,284 lbs, Capulin, Hamburg
WINDOW, COLORED—2 cs, C J Connick, Samaria, Liverpool
GLUE, BONE, GROUND—200 bgs, 21,870 lbs, N L Lederer, Wasgenwald, Hamburg
GLUESTOCK, FISH SCRAP—2 cs, J R Poole Co, Yarmouth, Yarmouth
1 bx, Rogers Isinglass & Glue Co, Yarmouth, Yarmouth
23 bgs, 1 bbl, International Glue Co, Newfoundland, Halifax
GROUND NUTS—240 bgs, East West India Co, Nagara, Tsingtao
GUM, INDUSTRIAL—35 bgs, 25 cks, J P Marston Co, Newfoundland, Liverpool
IRON, CHLORIDE—100 csks, 13,097 lbs, Capulin, Hamburg
OXIDE—45 bgs, and 15 dms, Reichard Coulston, Newfoundland, Liverpool
LIME JUICE—5 hghds, Lady Nelson, Dominica
MEDICINAL PREPS—16 pkgs, Quong Wah Lung, Tai Yang, Hongkong
7 cs, United Drug Co, Samaria, Liverpool
MENTHOL—50 cs, United Drug Co, Wales, Kobe
MICA—43 cs, American Banker, London
MYROBALANS EXTRACT—100 bgs, 5 tons, Capulin, Hull
NIGELLE SEED—23 bgs, 4,303 lbs, Exochorda, Marseilles
NUTGALLS—336 bgs, 20 tons, Industrial Trust Co, Nagara, Shanghai
OCHER—200 bgs, 10,582 lbs, Exochorda, Marseilles
48 csks, 160 bgs, 37,293 lbs, Reichard Coulston, Exochorda, Marseilles
OIL, ALMOND—2 dms, American Banker, London
COD—125 csks, 55,115 lbs, Capulin, Hamburg
50 dms, ntfy, F W Damon, Newfoundland, St John's, N F
FUEL—42,000 bbls, Colonial Beacon Oil Co, George J Henry, Aruba
31,000 bbls, Mexican Petroleum Corp, George J Henry, Aruba
MINERAL—50 dms, 23,273 lbs, Wasgenwald, Hamburg
13 dms, 5,952 lbs, Capulin, Hamburg
OIL, OLIVE—50 cs, 6,063 lbs, First National Bank, Exochorda, Leghorn
PALM—264 tons, Glaucus, Belawan Deli
PALMKERNEL—549 tons, Skagerrak, Rotterdam
PEANUT—705,773 lbs, Skagerrak, Rotterdam
35 cs, Quong Wah Lung, Tai Yang, Hongkong
SPERM—180 dms, 200 bbls, Caledonia, Glasgow
TEASEED—70 dms, Nagara, Hongkong
50 dms, 22,750 lbs, W R Grace Co, Dagfred, Hongkong
50 dms, 23,000 lbs, from China
100 dms, Nagara, Hongkong
PEATMOSS—200 bls, 34,392 lbs, L E Page, Wasgenwald, Bremen
989 bls, 163,978 lbs, Wasgenwald, Bremen
PITCH MARINE GLUE—9 dms, L W Ferdinand & Co, American Banker, London
POTASH, CHLORATE—400 cks, 99,031 lbs, Uniform Chemical Products, Wasgenwald, Hamburg
SAFFRON—7 cs, 880 lbs, General Olive Oil Corp, Exochorda, Marseilles
SESAME SEED—3 cs, Foo Sun Co, Tai Yang, Hongkong
5 bdls, Quong Wah Lung, Tai Yang, Hongkong
SHELLAC—45 double bgs, 30 cs, 13,115 lbs, A Hurst & Co, Wasgenwald, Hamburg
SILICON CARBIDE SIKA—100 bgs, 18,272 lbs, John W Higman Co, Wasgenwald, Hamburg
SOAP—1 cs, Lever Bros, Newfoundland, Liverpool
1 cs, 373 lbs, Exochorda, Beyrouth
50 cs, 2,050 lbs, Conti Products Corp, Exochorda, Leghorn
SADDLE—1 cs, McLaughlin & Freeman, Samaria, Liverpool
TOILET—2 cs, Lever Bros, Newfoundland, Liverpool
29 cs, S S Pierce Co, American Banker, London
SOOT—25 bgs, American Express Co, Caledonia, Glasgow
STARCH—16 cs, Quong Wah Lung, Tai Yang, Hongkong
TALC—100 bgs, Wales, Kobe
TANKAGE—1,000 bgs, 110,230 lbs, Chase Natl Bank, Blairangus, Montevideo
1,670 bgs, 199,997 lbs, Swift & Co, Blairangus, Montevideo
TAPIOCA FLOUR—552 bgs, 111,909 lbs, First National Bank, Glaucus, Pasoeroean
500 bgs, 111,568 lbs, H P Winter Co, Glaucus, Cheribon
WATER, AERATED—30 cs, S S Pierce Co, Caledonia, Belfast
MINERAL—10 cs, 2,050 lbs, D Miller, Sarcoxie, Havre
56 cs, S S Pierce, American Banker, London
WAX, BLACK—163 bgs, 26,878 lbs, Irving M Scbin Co, Wasgenwald, Hamburg
CRUDE—67 bgs, 11,023 lbs, American Cyanamid & Chemical Corp, Wasgenwald, Hamburg
67 bgs, 11,023 lbs, American Cyanamid & Chemical Corp, Capulin, Hamburg
MONTAN—225 bgs, 34,722 lbs, Strohmeyer & Arpe Co, Wasgenwald, Hamburg
143 bgs, 22,068 lbs, Capulin, Hamburg

Boston Transit Imports

CAMPHOR, REFINED—3 cs, J L Hudson Co, Dagfred, Kobe for Detroit
INK, PRINTING—1 cs, American Express Co, American Banker, London for Chicago
OIL, CODLIVER—138 bbls, 27 dms, Mead, Johnson & Co, Newfoundland, St John's, N F for Evansville, Ind
SOAP, SOFT—25 dms, 1 kg, American Express Co, American Banker, London for Milwaukee
VARNISH OIL—4 cs, Stone & Downer, American Banker, London for Georgetown, N Y

Lake Charles Imports

POTASH FERTILIZER MATERIAL — 2,496,400 kilos, Leerdam, Rotterdam

Los Angeles Imports

ALUMINUM LEAF—70 lbs, Ping An, Yokohama
AMMONIA PHOSPHATE—400,000 lbs, Kingsley, Trail
SULPHATE—700,000 lbs, Keisho, Tokyo
140,000 lbs, Kingsley, Trail
BARYTES — 66,150 lbs, Cellina, Genoa
BLEACHING POWDER—10,100 lbs, Ping An, Yokohama
110 lbs, Oakland, Frankfort
BLOOD, DRIED—321,920 lbs, Golden West, Sydney
CARAWAY SEED—14,720 lbs, Damsterdijk, Rotterdam
CLERY SEED—2,210 lbs, Cellina, Marseilles
CHEMICAL COMPOUND—4,800 lbs, Asama, Yokohama
830 lbs, President Hoover, Kobe
SALT—11,200 lbs, Weser, Berlin
CHILLIES—10,000 lbs, Ping An, Kobe
10,000 lbs, Keisho, Kobe
10,000 lbs, Asama, Japan
29,730 lbs, From Mexico
COALTAR, DEHYDRATED—20,000 lbs, Gracia, London
PRODUCT—10 lbs, Keisho, Yokohama
MEAL—224,000 lbs, Bengalen, Manila
COTTONSEED MEAL—1,900,000 lbs, Ping An, Kobe
1,250,000 lbs, Keisho, Kobe
200,000 lbs, Nailsea Court, Kobe
DRUGS, ADVANCE—30 lbs, Asama, Osaka
CRUDE—150 lbs, Asama, Osaka
FERTILIZER, COMPOUND — 228,300 lbs, Keisho, Kobe
450,000 lbs, Keisho, Yokohama
SUBST—100,000 lbs, Ping An, Kobe
2,200 lbs, Ping An, Yokohama
FISH MEAL — 816,000 lbs, Ping An, Kobe
300,000 lbs, Keisho, Tokyo
GINGER ROOT—2,600 lbs, President Hoover, Canton
GLASS, PLATE—51,820 lbs, Weser, Brussels
ROLLED—14,750 lbs, Gracia, Birmingham
SHEET—115 cs, 42,110 lbs, Weser, Prague
6 cs, 1,760 lbs, Gracia, Birmingham
HEMPSEED MEAL—200,000 lbs, Ping An, Kobe
150,000 lbs, Keisho, Kobe
HOPS—1,580 lbs, Weser, Brussels
INK, PRINTING—250 lbs, Weser, Berlin
KELP MEAL—800,000 lbs, Keisho, Tokio
LINSEED MEAL—100,000 lbs, Nailsea Court, Kobe
MANGROVE BARK—6,480 lbs, Evanger, Maranhao
MEDICINAL PREPS—500 lbs, Keisho, Yokohama
8,570 lbs, Pacific Grove, London
MINERALS, CRUDE—100,800 lbs, Bengalen, Calcutta
OCHER, POWD—8,460 lbs, Cellina, Marseilles
OIL, CODLIVER—52,770 lbs, Lauritis Swenson, Bergen
67,950 lbs, Lauritis Swenson, Hull
COTTONSEED—353,340 lbs, Nailsea Court, Lima
EUCALYPTUS—820 lbs, Monterey, Sydney
EXPRESSED—47,600 lbs, Narenta, Kobe
84,000 lbs, Ping An, Kobe
HAIR—580 lbs, Keisho, Yokohama
MINERAL—89,710 lbs, Weser, Copenhagen
OLIVE—135,550 lbs, Cellina, Genoa
PEANUT—3,600 lbs, Kwanto, Hongkong
TEASEED—410 lbs, Kwanto, Hongkong
TUNG—42,000 lbs, Asama, Hongkong
PAPRIKA—3,300 lbs, Damsterdijk, Valencia
POPPYSEED—10,900 lbs, Damsterdijk, Rotterdam
POTASH, CARBONATE—11,570 lbs, Weser, Hamburg
QUEBRACHO EXTRACT—16,350 lbs, Moldanger, Buenos Aires
QUICK LIME—15,280 lbs, Rochelle, Canada
RAPESEED MEAL—30,000 lbs, Keisho, Yokohama
RICE FLOUR—190 lbs, Asama, Yokohama
SALTPETER—67,200 lbs, Weser, Hamburg
SARDINE MEAL—94,600 lbs, Ping An, Tokio
600,000 lbs, Keisho, Kobe
600,000 lbs, Keisho, Tokio
1,000,000 lbs, San Luis, Kobe
SESAME SEED—10,000 lbs, Kwanto, Hongkong
MEAL—200,000 lbs, Ping An, Kobe
300,000 lbs, Keisho, Kobe
SHELLAC—16,400 lbs, Bengalen, Calcutta
SOYBEAN MEAL—600,000 lbs, Ping An, Dairen
STARCH, POTATO—150 lbs, Asama, Yokohama
SUPERPHOSPHATE — 300,000 lbs, Keisho, Kobe
TANKAGE—99,800 lbs, Golden West, Sydney
TUNGSTEN POWD—11,200 lbs, Gracia, Liverpool
UREA—199,360 lbs, Weser, Berlin
WATER, MINERAL—9,670 lbs, Cellina, France
WAX, VEGETABLE—2,240 lbs, Ping An, Kobe

Mobile Imports

BITTERWOOD—65 tons, Vera P Thornhill, Kingston
MANGANESE ORE—6,100 tons, Everalda, Santiago

New Orleans Imports

ACID, CRESYLIC—80 dms, D L Carter, West Ekonk, Manchester
BAUXITE ORE—2,540 tons, Aluminum Ore Co, Atna, Georgetown
2,555 tons, Republic Mining & Mfg Co, Torny, Paramaribo
CRUDE—2,650 tons, Aluminum Ore Co, Havso, Georgetown
COCONUTS—115 sx, J Blake, Gansfjord, Belize
GUM, CHICLE—519 bls, Wm Wrigley, Gansfjord, Belize
MAGNESIA CHLORIDE—10 dms, West Ekonk, Liverpool
MOLASSES—574,306 gls, North American Trading & Import Co, Winnetou, Manzanillo
195,543 gls, North American Trading & Import Co, Winnetou, Antilla
665,094 gls, North American Trading & Import Co, Winnetou, Havana
834,925 gls, Commercial Molasses Co, Amolco, Banes
1,215,269 gls, Commercial Molasses Co, Kishacoquillas, Preston
173,344 gls, Commercial Molasses Co, Kishacoquillas, Caibarien
1,227,732 gls, U S Industrial Alcohol Co, Caloria, Matanzas
OIL, COCONUT—451 tons, Colgate-Palmolive-Peat Co, Kirishima, Cebu
PALM—1,016 tons, Guaranty Trust Co, Kota Baroe, Belawan Deli
PEPPER—243 sx, Kota Baroe, Telok Betong
SODA NITRATE—6,798 tons, Guaranty Trust Co, Torvanger, Tocopilla
TAPIOCA FLOUR—1,369 sx, National City Bank, Kota Baroe, Sourabaya
250 sx, Kota Baroe, Batavia

Norfolk Imports

ALUMINA SULPHATE—500 bgs, 48 tons, City of Newport News, Hamburg
BLOOD, DRIED—1,016 bgs, 49 tons, Armour & Co, West Selene, Buenos Aires
1,000 bgs, 110,237 lbs, Chase National Bank, West Selene, Buenos Aires
911 bgs, 100,000 lbs, Ashcraft, Wilkinson & Co, West Selene, Buenos Aires
1,225 bgs, 132,586 lbs, H J Baker & Bros, West Selene, Buenos Aires
1,111 bgs, 110,237 lbs, Wessel, Duval & Co, West Selene, Buenos Aires
1,827 bgs, 90 tons, West Selene, Buenos Aires
BONES—2,380 bgs, 113 tons, West Selene, Buenos Aires
332 bgs, 38,376 lbs, Hafleigh & Co, West Selene, Buenos Aires
CHEMICALS—129 dms, Beemsterdijk, Rotterdam
CHINA CLAY—813 tons, Hallingdal, Fowey
CLAY BALL—480 tons, Hallingdal, Fowey
DYE INTERMEDIATES—34 bbls, 4 tons, Cincinnati Chemical Works, City of Newport News, Hamburg
FERTILIZER NITRATE PHOSPHATE—800 bgs, Synthetic Nitrogen Product Corp, Binnendijk, Rotterdam
NITROGENOUS—548 bgs, 48 tons, National Bank of Commerce, City of Newport News, Hamburg
FISH MEAL—2,015 bgs, 222,665 lbs, H J Baker & Bros, West Selene, Buenos Aires
GUM, DAMMAR—100 cs, Bank of California, Javanese Prince, Cheribon
HOOF MEAL—800 bgs, 96,551 lbs, West Selene, Buenos Aires
KIESERITE—385 tons, City of Newport News, Hamburg
LEATHER MEAL—650 bgs, Waukegan, Manchester
1,150 bgs, Beemsterdijk, Rotterdam
WASTE—720 bgs, Quaker City, London
MAGNESIA CALCINED—2,505 bgs, 123 tons, City of Newport News, Hamburg
MANGANESE ORE—8,250 tons, E J Lavino & Co, Thirlby, Takoradi
MICA SCRAPS—1,334 bgs, City of Singapore, Calcutta
OIL, VEGETABLE—8,361 lbs, Beemsterdijk, Rotterdam
QUEBRACHO EXTRACT—1,875 bgs, 208,182 lbs, International Product Corp, West Selene, Buenos Aires
7,079 bgs, 752,329 lbs, Tannin Corp, West Selene, Buenos Aires
SALTPETER—549 tons, Beemsterdijk, Rotterdam
SODA NITRATE—5,862 tons, Guaranty Trust Co, Selje, Tocopilla
SULPHATE—381 cks, 80 tons, City of Newport News, Hamburg
TALLOW—135 tons, 65,316 lbs, Armour & Co, West Selene, Buenos Aires
328 cks, 156,027 lbs, West Selene, Buenos Aires
TAPIOCA FLOUR—250 bgs, Philadelphia Natl Bank, Javanese Prince, Cheribon
365 bgs, Balfour, Guthrie & Co, Javanese Prince, Cheribon

Philadelphia Imports

ACID, CRESYLIC—24 dms, Manchester Exporter, Manchester
266 dms, Barrett Co, Manchester Exporter, Manchester
80 dms, Barrett Co, Capulin, Hull
FATTY—2 dms, American Chemical Paint Co, Sarcoxie, Havre
782,949 kilos, Skagerrak, Brunsbuttel
AMMONIA, PERCHLORATE—37 cs, Gustav Martin, Argosy, Copenhagen
SULPHATE—1,000 bgs, Bradley & Baker, Spaarndam, Rotterdam
ANTISEPTIC—3 cs, R T French Co, Capulin, Hull
BONEMEAL—400 bgs, Wasgenwald, Hamburg
CARAWAY SEED—100 bgs, Spaarndam, Rotterdam
CHALK, COPPER—200 bgs, Rohm & Hass, Wasgenwald, Hamburg
CRUDE — 5,800 tons, Southwark Mfg Co, Everhope, London
CHEMICALS—30 cks, Ciba Co, Spaarndam, Rotterdam
450 bgs, Wilmington Warehousing Co, Spaarndam, Rotterdam
150 bgs, Advance Solvents & Chemical Corp, Spaarndam, Rotterdam
40 cks, Ferd A Kerness, Wasgenwald, Hamburg
914 cks, Wasgenwald, Bremen
2 dms, Davies Turner & Co, Wasgenwald, Bremen
CHILLIES—100 bgs, Joenasson Import Corp, Wales Maru, Kobe
CHINA CLAY—1,344 tons, Paper Makers Importing Co, Hallingdal, Fowey
394 tons, 5 cwt, J W Higman Co, Hallingdal, Fowey
CLAY—400 bgs, L A Salomon & Bro, Wasgenwald, Hamburg
BALL—500 tons, 3 cwt, Paper Makers Importing Co, Hallingdal, Fowey
580 tons, J W Higman Co, Inc, Hallingdal, Fowey
CORNWALL STONE, CRUDE—603 tons, 12 cwt, Paper Makers Importing Co, Hallingdal, Fowey
COCOA BEANS—37,600 bgs, Balfour, Guthrie & Co, Sandown Castle, Takoradi
30,160 bgs, Balfour, Guthrie & Co, Laomedon, Accra
1,500 bgs, Superintendence Co, Laomedon, Accra
1,600 bgs, Bank of the Manhattan Co, Laomedon, Accra
2,900 bgs, Cie Francaise de l'Afrique Occidentale, Laomedon, Accra
1,500 bgs, Superintendence Co, Laomedon, Takoradi
1,500 bgs, Superintendence Co, Laomedon, Cape Coast
1,500 bgs, Superintendence Co, Laomedon, Saltpond
1,500 bgs, Superintendence Co, Laomedon, Winnebah
16,170 bgs, Balfour, Guthrie & Co, Laomedon, Port Bouet
3,100 bgs, Alegrete, Bahia
COCONUTS — 175 bgs, Edwards Freemen, Barbara, Mayaguez
200 bgs, Starr Produce Co, Barbara, San Juan
100 bgs, Barbara, San Juan
DYE COLOR—1 kg, Capulin, London
EARTH, RED—25 cks, Adam T Schlidge, Spaarndam, Rotterdam
FERROMANGANESE — 400 bgs, Mitsubishi Shoji Kaisha, Eidsvold, Kobe
454 bgs, Synthetic Nitrogen Products Corp, Capulin, Hamburg
170 bgs, Wm J Jones & Co, Capulin, London
FLUORSPAR — 170,000 kilos, Wasgenwald, Bremen
508,000 kilos and 1,016 bgs, General Chemical Co, Wasgenwald, Bremen
GINGER ROOT—286 bgs, Cie Francaise de l'Afrique Occidentale, Laomedon, Freetown
GLASS, SHEET—6 cs, Arthur H Thomas Co, Manchester Exporter, Manchester
WINDOW—1,205 cs, Capulin, Hamburg
13 cs, V A Hermann & Co, Wasgenwald, Hamburg
GLUE—1 cs, Gyrnes Shipping Co, Capulin, London
GLYCERIN—50 dms, Capulin, Hamburg
GRAPHITE—333 bgs, First Natl Bank, City of Batavia, Colombo
GUM ARABIC—50 bgs, Cedarbank, Port Said
50 bgs, Thurston & Braidich, Wasgenwald, Hamburg
COPAL—185 bskts, Tabinta, Macassar
ILMENITE—7,550 tons, Nitsa, Koilthottam
IRON OXIDE—35 cks, J A McNulty, Manchester Exporter, Manchester
LOGWOOD—639 tons, American Dyewood Co, Karlander, Laguna del Carmen
1,500 tons, American Dyewood Co, Larnander, Tunas de Zaza
MAGNESITE, LUMP—452 bgs, Cedarbank, Madras
MANURE, SHODDY—186 bls, Manchester Exporter, Manchester
MENTHOL—25 cs, F B Vandegrift & Co, Wales, Kobe
MOLASSES—450,463 gls, Commercial Molasses Co, Castana, Caibarien
517,109 gls, Cia Azucarera Fidelidad, S A, Gloxinia, Antilla
413,314 gls, General Molasses Corp, Gloxinia, Antilla
1,317,357 gls, Cuba Distilling Co, Carrabulle, Bufadero
10,900 tons, North American Trading & Import Co, Athelchief, Havana
MYROBALANS—2,880 pkts, Guaranty Trust Co City of Batavia, Calcutta
NAPHTHALENE—287 bgs, Barrett Co, Manchester Exporter, Manchester
1,875 bgs, J W Hampton Jr & Co, Argosy, Gdynia
OIL, COD, INDUSTRIAL—100 cks, Capulin, Hamburg
CODLIVER—300 dms, Acton Co, Spaarndam, Rotterdam
50 dms, Capulin, Hamburg
100 dms, Silmo Chemical Co, Wasgenwald, Hamburg
35 dms, Dichmann, Wright & Pugh, Wasgenwald, Hamburg
CORN—75 dms, E F Houghton & Co, Capulin, Hull
130 dms, Capulin, London
COTTONSEED—428 dms, Alegrete, Rio de Janeiro
MINERAL—100 dms, Atlantic Refining Co, Schodack, Havre
20 dms, Wasgenwald, Hamburg
RESIDUE—74 dms, Wasgenwald, Hamburg
SESAME—238,143 kilos, Skagerrak, Brunsbuttel
SOYBEAN ACID—90 bbls, Spaarndam, Rotterdam
PEATMOSS—2,200 bls, 25 hf bls, Wasgenwald, Bremen
1,200 bls, Premier Peat Moss Corp, Spaarndam, Rotterdam
PEBBLES—540 bgs, New Jersey Pulverizing Co, Schodack, Havre
PETROLEUM—47 dms, H A Saffer, Schodack, Havre
CRUDE—116,281 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
71,270 bbls, Gulf Oil Corp, Davanger, Las Piedras
75,000 bbls, The Texas Co, Swiftlight, Tampico
DERIVATIVE—100 dms, Wasgenwald, Hamburg
POLISH, METAL—30 cs, R T French Co, Capulin, Hull
ROSIN, DISTILLED—58 bbls, Argosy, Hango
SAGO FLOUR—713 bgs, Tabinta, Singapore
SALTPETER—182 bgs Wasgenwald, Bremen
SAND, FURNACE—400 bgs, Spaarndam, Rotterdam
SHELLAC—150 bgs, Chase Natl Bank, Stockwell, Calcutta
25 bgs, Bank of the Manhattan Co, Stockwell, Calcutta
25 bgs, Cedarbank, Calcutta
SILICO CALCIUM—163 cks, Phila Natl Bank, Schodack, Havre
SOAP, TOILET—900 ctns, Nevins Drug Co, Barbara, San Juan
SODA, NITRATE—1,320,800 kilos, Guaranty Trust Co, Marna, Tocopilla
SILICOFLUORIDE—300 bgs, Harshaw Chemical Co, Argosy, Copenhagen
TALC—500 bgs, Whittaker, Clark & Daniels, Schodack, Bordeaux

TAPIOCA FLOUR—504 bgs, Tabinta, Cheribon
240 bgs, Chase Natl Bank, Tabinta, Cheribon
360 bgs, Phila Natl Bank, Tabinta, Cheribon
1,536 bgs Guaranty Trust Co, Tabinta, Cheribon

Portland, Ore., Imports

CANARY SEED—250 sks, Evanger, Buenos Aires
FLAXSEED—24,271 sks, Evanger, Buenos Aires
LARD, VEGETABLE—2,000 pkgs, Bengalen, Manila
PETROLEUM, REFD—75 dms, Oregon Marine Supply, Amerika, Copenhagen

San Francisco Imports

ANISE—60 sks, Chemical Bank & Trust Co, Damsterdijk, Rotterdam
BONE CHARCOAL—2 sks, Damsterdijk, London
FLOUR—820 sks, Taylor Milling Corpn, Seattle, Victoria* (for Oakland)
595 sks, M Pacquet Co, Seattle, Victoria* (for Oakland)
BRISTLES—46 cs, F H Cone & Co, President Hoover, Tientsin
CAMPHOR—10 cs, Henry W Peabody & Co, President Hoover, Kobe
CASSIA—100 bls, McClintock-Stern Co, President Hoover, Hongkong
CHALK—500 tons, Wyoming, Antwerp (for Oakland)
CRUDE—80 tons, S A Winther & Co, Damsterdijk, London
CHEMICALS—211, dms, Damsterdijk, Rotterdam
CHILLIES—112 sks, S L Jones & Co, President Hoover, Kobe
50 sks, Anglo-California National Bank, President Hoover, Kobe
76 sks, Damsterdijk, London
CHINA CLAY—500 sks, Balfour, Guthrie & Co, Damsterdijk, Rotterdam (for Oakland)
CINNAMON QUILLS—50 bls, Henry W Peabody & Co, President Hoover, Hongkong
CHROMITE ORE—20 sks, Benguet Consolidated Mining Co, President Hoover, Manila
CLAY, OIL—5 cs, Kwong Hop, President Hoover, Hongkong
COCOA BEANS—200 sks, W R Grace & Co, Santa Paula, Cristobal
67 sks, Burns, Philp Co, Limerick, Apia
COCONUT, DESIC—980 cs, Balfour, Guthrie & Co, President Hoover, Manila
1,000 cs, Durkee Famous Foods, President Hoover, Manila
1,400 cs, Dodwell & Co, President Hoover, Manila
900 cs, Franklin Baker Co, Tosari, Manila
COCONUTS, DRY HUSKED—50 sks, Pacific Coconut Co, Limerick, Papeete
10 sks, G D Bowley, Limerick, Papeete
COPRA—1,956 sks, Burns, Philp Co, Limerick, Papeete
6,032 sks, Limerick, Suva
1,300 sks, Bank of New Zealand, Apia
789 sks, H M Newhall & Co, Limerick, Apia
3,315 sks, Limerick, Apia
1,821 sks, Wightman & Crane, Limerick, Apia
MEAL—2,000 sks, Snow Brokerage Co, Tosari, Manila
DENTIFRICE—1 cs, Hosada Bros, President Hoover, Kobe
FILTER SHEETS, ASBESTOS—5 cs, American Seitz Filter Co, Damsterdijk, Rotterdam
GAMBIER—170 cs, Bank of California, N A, Tosari, Asahan
GINGER—568 pkgs, President Hoover, Hongkong
GLASS, WINDOW—35 cs, Wyoming, Antwerp
400 cs, Wyoming, Antwerp (for Oakland)
GOURMET POWDER—18 cs, Suen Mark & Co, President Hoover, Shanghai
1 cs, Joseph Regensberg, President Hoover, Shanghai
GUM, COPAL—121 bskts, Henry W Peabody & Co, President Hoover, Hongkong
168 sks, Stroock & Wittenberg Corpn, President Hoover, Manila
45 bls, Tosari, Singapore
50 sks, Henry W Peabody & Co, Tosari, Singapore
160 sks, O G Innes Corpn, Wyoming, Antwerp
ELEMI—204 cs, Stroock & Wittenberg Corpn, President Hoover, Manila
GYPSUM—5 cs, Kwong Hop, President Hoover, Hongkong
INK—5 cs, Kwong Lee & Co, President Hoover, Hongkong
5 cs, Shun On, President Hoover, Hongkong
5 cs, Woo Kee Co, President Hoover, Hongkong
3 cs, Chew Chong Tai, President Hoover, Hongkong
WRITING—3 cs, Aoki Taisiedo Co, President Hoover, Yokohama
INSECTICIDE—270 cs, S Fujita Co, President Hoover, Kobe
LARD, VEGETABLE—2,000 pkgs, American Trust Co, President Hoover, Manila
MARGARIN, VEGETABLE—1,500 cs, David B Bereison, President Hoover, Manila
MEDICINAL PREPS—6 cs, Quong Lee & Co, President Hoover, Hongkong
7 cs, Fung Chong, President Hoover, Hongkong
2 cs, Shun On, President Hoover, Hongkong
MEDICINAL PREPS—12 cs, Sing Chong Co, President Hoover, Hongkong
113 pkgs, Oy Wo Tong, President Hoover, Hongkong
2 cs, Chew Chong Tai, President Hoover, Hongkong
7 pkgs, Yue Wo, President Hoover, Hongkong
13 pkgs, Chong Sing Co, President Hoover, Hongkong
1 cs, Kwong Kee Chan, President Hoover, Hongkong
4 pkgs, Wing Hing Chong, President Hoover, Hongkong
16 pkgs, The Columbia Co, President Hoover, Hongkong
7 pkgs, Tai Sang Tong, President Hoover, Hongkong
1 cs, How Kee, President Hoover, Hongkong
17 pkgs, Tin Shew Tong, President Hoover, Hongkong
22 pkgs, Chan Ning Tong, President Hoover, Hongkong
7 cs, Hosoda Bros, President Hoover, Kobe
MUSTARD SEED—900 sks, D Ghirardelli Co, Damsterdijk, London
OIL, CASSIA—50 dms, East Asiatic Co, President Hoover, Hongkong
CHINAWOOD—25 dms, East Asiatic Co, President Hoover, Shanghai
COTTONSEED—5 dms, Getz Bros Co, President Hoover, Kobe
FISH, HARD—125 sks, Willits & Co, President Hoover, Kobe
PALM—300 tons, Banque Belge pour l'Etranger, Tosari, Belawan
PEANUT—5 dms, Getz Bros Co, President Hoover, Kobe
788 cs, President Hoover, Hongkong
SESAME—110 dms, Durkee Famous Foods, President Hoover, Shanghai
VEGETABLE—234 dms, S L Jones & Co, President Hoover, Shanghai
202 dms, S L Jones & Co, Inc, President Hoover, Kobe
SILICA SAND—1,800 tons, Balfour, Guthrie & Co, Wyoming, Antwerp (for Oakland)
SODA CYANIDE—750 cs, American Cyanamid & Chemical Corpn, Damsterdijk, Rotterdam
160 dms, American Cyanamid & Chemical Corpn, Damsterdijk, Rotterdam (for Oakland)
SOYBEAN FLOUR—20 sks, H B Thomas & Co, Damsterdijk, London
STARCH—531 pkgs, President Hoover, Hongkong
TALLOW, INEDIBLE—275 dms, Anglo-California National Bank, Limerick, Melbourne
TOILET PREPS—123 pkgs, Wells Fargo Bank & Union Trust Co, President Hoover, Manila
UMBER—45 cks, L H Butcher & Co, Pacific Grove, Manchester
VANILLA BEANS—1 cs, Williams Dimond Co, Limerick, Papeete
VETERINARY OINTMENT—4 kgs, Robert Gisler, Wyoming, Antwerp
WATER, MINERAL—10 cs, G H Corse, jr, Co, President Hoover, Kobe
WAX, VEGETABLE—10 cs, Pacific Trading Co, President Hoover, Kobe

* Shipment originated at foreign port other than that designated, but was held at designated port during recent shipping strike.

Savannah Imports

OIL, CREOSOTE—3,695 tons, Bianca, Selzarte
PETROLEUM, CRUDE—8,681 tons, Madrono, Tocopilla
POTASH, MANURE SALT—1,758,000 kilos, Akabahra, Bremen
POTASH, MAGNESIA SULPHATE—1,000 bgs, Akabahra, Bremen
SAGO FLOUR—364 bgs, Tulsa, Liverpool
SODA, NITRATE—6,883 tons, Greylock, Tocopilla

Seattle Imports

CANARY SEED—75 sks, Evanger, Buenos Aires
CORKS—77 sks, Mundet Cork Corp, Drechtdijk, Rotterdam
FLOATS—333 bls, Linen Thread Co, Drechtdijk, London
GLASS, WINDOW—11 cs, Corrientes, Liverpool
NUTMEGS—65 sks, 42 cs, Drechtdijk, Rotterdam
PETROLEUM, REFD—115 dms, Capt B Quale, Amerika, Copenhagen
SODA CHLORATE—1,000 dms, International Selling Corp, Can Mateo, Havre
TANKAGE—2,475 sks, Evanger, Buenos Aires
TAPIOCA SEEDS—300 sks, American Trust Co, Silverwillow, Sourabaya

Tacoma Imports

HOPS—8 cs, Amerika, Hamburg

Tampa Imports

CASTOR MEAL—7,143 bgs, Vermont, Hull
COCONUTS—10,000, Laguna, Belize
4 cs, Cuba, Havana
FERTILIZER, NITROGENEOUS — 200 bgs, Vermont, Antwerp

Exports from U.S. Ports

New York Exports

Clearance Dates

American Merchant, April 2; American Trader, March 26; American Traveler, March 27; Antonia, April 1; Aquitania, March 31; Bergensfjord, April 2; Black Hawk, March 25; Black Osprey, April 5; Blankaholm, April 3; Borinquen, April 1; Bremen, April 1; Cameronia, April 1; Carabobo, March 24; Cholutteca, March 27; Coamo, March 25; Colombia, April 1; Conte Savoia, April 2; Deutschland, April 3; Drammensfjord, March 26; Duc Brabant, March 27; Elg, April 3; Exeter, March 30; Haiti, March 18; Hallbjorg, March 30; Hansa, March 27; Hanseat, April 2; Ile de France, March 31; Ilsenstein, March 23; Lafayette, April 6; Martinique, April 2; Moyra, April 2; Musa, April 3; New Brooklyn, April 1; New York, April 7; New York City, April 5; Pastores, March 25; Peten, April 1; Pipestone County, April 3; Platano, March 26; Queen Mary, April 6; Quiriqua, March 25; San Jacinto, April 2; Saturnia, March 26; Scanyork, March 17; Scythia, March 26; Sessa, April 3; Silverbeech, April 5; Spidoleine, April 6; Tai Yin, March 30; Tonsbergfjord, March 25; Tureby, March 15; Tyrifjord, March 29; Vincent, April 10; Waukegan, April 3; West Calumb, April 9; Westernland, April 2

ACETONE—6,630 lbs, Tyrifjord, Oslo; 10,790 lbs, Scanyork, Helsingborg; 4,968 lbs, Black Hawk, Antwerp
ACID, CHROMIC—6,160 lbs, Sanyo, Kobe
ACID, CITRIC—113 lbs, Borinquen, San Juan
MALEIC—2,250 lbs, Scythia, Liverpool
MURIATIC — (Platano) 9,250 lbs, Porto Cortes; 24,050 lbs, Porto Farrios; 38,176 lbs, San Jacinto, Ponce; 1,230 lbs, Quiriqua, Panama; 9,520 lbs, Cholutteca, Kingston; (Musa) 10,620 lbs, Porto Castilla; 9,250 lbs, Tela; 1,830 lbs, Porto Barrios
NITRIC—638 lbs, Tonebergfjord, Antofagasta
SULPHURIC—763 lbs, Tonsbergfjord, Antofagasta
ALCOHOL, BUTYL—165 gls, Tureby, Santos; 550 gls, Silverbeech, Port Elizabeth
ALUMINA CHLORIDE ANHYDR—5,880 lbs, Exeter, Marseilles
OXIDE—2,000 lbs, New York, Hamburg
AMMONIA, ANHYDR — 5,959 lbs, Pastores, Porto Colombia
HYDROXIDE—677 lbs, Tonsbergfjord, Antofagasta
SELPHATE—405,000 lbs, San Jacinto, Guanica
AMYL ACETATE—4,243 lbs, Tureby, Santos
ASPHALT—18,807 lbs, American Trader, London; 6,840 lbs, Exeter, Beirut; (Tureby) 45,474 lbs, Rio de Janeiro; 11,771 lbs, Buenos Aires; (American Traveler) 22,166 lbs, Manchester; 11,193 lbs, Liverpool; 24,843 lbs, Peten, Havana; 101,796 lbs, Pipestone County, Havre; 39,534 lbs, New York, Hamburg; 31,210 lbs, Hallbjorg, Czechoslovakia; 44,048 lbs, Elg, Rio de Janeiro; 6,074 lbs, Vincent, Dunkirk; 13,839 lbs, Pastores, Porto Colombia
LIQUID — 52,104 lbs, American Traveler, Manchester; 45,711 lbs, Black Osprey, Rotterdam; 11,299 lbs, Waukegan, Manchester
BAKING POWDER—(Hansa) 25,785 lbs, Stockholm; 17,250 lbs, Gothenburg; 8,625 lbs, Helsingfors
BERYLIUM OXIDE—957 lbs, Bremen, Hanau
BISMUTH, METAL — 13,145 lbs, American Merchant, London; 33,015 lbs, Hallbjorg, London
BLEACHING POWDER—12,840 lbs, Peten, Havana
BLOOD, DRIED—66,300 lbs, Hansa, Hamburg; (Scanyork) 49,800 lbs, Kotka; 22,100 lbs, Wiborg
BLUE, VITRIOL—(Cadmus) 104,784 lbs, Tela; 629,176 lbs, Porto Barrios
MONOHYDRATED — (Cadmus) 76,320 lbs, Porto Castilla; 411,280 lbs, Tela; 82,680 lbs, Porto Barrios
BONE ASH—36,350 lbs, Westernland, Antwerp
BUTYL ACETATE—6,989 lbs, Tureby, Santos; 12,148 lbs, American Merchant, London
CADMIUM SULPHIDE—5,486 lbs, President Harding, Hamburg
CALCIUM ARSENATE—71,515 lbs, Tonsbergfjord, Buenaventura
BISULPHITE—5,782 lbs, Peten, Havana
CARBON TETRACHLORIDE — 40,429 lbs, Scythia, Liverpool
CHEMICALS—7,995 lbs, American Trader, London; 110 lbs, Borinquen, San Juan; (American Traveler) 8,405 lbs, Belfast; 143,170 lbs, Liverpool; 10,800 lbs, American Merchant, London; 12,930 lbs, Pipestone County, Havre; (West Calumb) 2,127 lbs, Santos; 3,940 lbs, Montevideo; 23,040 lbs, Blankaholm, Gothenburg
CLAY—22,189 lbs, American Trader, London; 28,840 lbs, Hallbjorg, Malmo; 60,000 lbs, Bergensfjord, Oslo
COALTAR—2,800 lbs, Peten, Limon
INTERMEDIATES — 1,578 lbs, Scanyork, Helsingfors
COLOR, DRY—5,749 lbs, Deutschland, Hamburg
CORN FLOUR—(Quirigua) 2,540 lbs, Port Limon; 2,173 lbs, Corinto; 868 lbs, San Juan del Sur; (Sessa) 2,494 lbs, Salaverry; 14,227 lbs, Callao; 22,400 lbs, Antonia, London; 709 lbs, Peten, Limon; 6,938 lbs, New York, Funchal; 1,414 lbs, Platano, Porto Barrios; 1,415 lbs, San Jacinto, Ponce
SUGAR—25,213 lbs, Hansa, Hamburg; 1,323 lbs, Tyrifjord, Trondhjem; 1,010 lbs, Black Hawk, Antwerp
SYRUP—3,798 lbs, Haiti, Porto Colombia; (Musa) 1,545 lbs, Porto Cortes; 2,304 lbs, Porto Barrios; 22,540 lbs, New York City, Bristol; 4,639 lbs, Platano, Porto Barrios
DAMIANA LEAVES — 1,060 lbs, American Merchant, London
DEXTRIN—2,186 lbs, Peten, Havana; 1,616 lbs, Colombia, Cartagena
DICHLORODIFLUOROMETHANE — 8,202 lbs, Ascania, London; 1,392 lbs, Waukegan, Manchester
DISINFECTANT, AGRIC—5,159 lbs, Tonsbergfjord, Buenaventura
COALTAR—5,275 lbs, Tonsbergfjord, Buenaventura; 4,598 lbs, Sessa, Guayaquil
DRUGS—4,860 lbs, American Merchant, London
DYES—778 lbs, American Trader, London; (President Harding) 4,268 lbs, Czechoslovakia; 1,897 lbs, Hamburg; 45,711 lbs, Black Osprey, Rotterdam; (Black Hawk) 35,983 lbs, Antwerp; 37,615 lbs, Rotterdam
ANILIN—513 lbs, Deutschland, Hamburg
FERRITES—28,691 lbs, Tureby, Buenos Aires; 24,773 lbs, Elg, Buenos Aires
FERTILIZER—102,000 lbs, New Brooklyn, Marshall
FURFURAL, TECH—36,308 lbs, Hansa, Hamburg
GASOLINE—(New Brooklyn) 3,000 gls, Monrovia; 10,500 gls, Cape Coast; 200 gls, Pipestone County, Havre; (Martinique) 750 gls, Gonaives; 500 gls, Jeremie; 1,000 gls, Aux Cayes
GELATIN, GRD—2,766 lbs, Peten, Havana
GLASS, PLATE—46,250 lbs, American Trader, London; 1,382 lbs, Quiriqua, Cienfuegos
GLYCERIN—6,487 lbs, Sessa, Guayaquil
GRAPHITE—3,460 lbs, Sanyo, Osaka; 9,797 lbs, American Merchant, London
GREASE, LUBRICATING—(Tai Yin) 862,115 lbs, Manila; 8,480 lbs, Cebu; 36,630 lbs, Shanghai; (Sanyo) 55,149 lbs, Yokohama; 30,097 lbs, Osaka; 3,012 lbs, Kobe; (New Brooklyn) 965 lbs, Santa Cruz; 3,820 lbs, Las Palmas; 726 lbs, Lagos; 604 lbs, Burutu; 26,155 lbs, Ile France, Havre; 2,807 lbs, American Trader, London; (President Harding) 23,254 lbs, Havre; 7,453 lbs, Czechoslovakia; (Exeter) 27,536 lbs, Marseilles; 5,376 lbs, Milan; 26,472 lbs, Alexandria; (Hansa) 617,400 lbs, Hamburg; 6,404 lbs, Switzerland; 5,754 lbs, Quirigua, Havana; (Tonsbergfjord) 9,050 lbs, Buenaventura; 4,290 lbs, Guayaquil; 12,905 lbs, Tocopilla; 1,947 lbs, Valparaiso; 6,517 lbs, Cholutteca, Santiago; 15,316 lbs, Cameronia, Glasgow; (Sessa) 10,931 lbs, Tocopilla; 5,854 lbs, Corral; (American Traveler) 113,148 lbs, Manchester; 3,175 lbs, Liverpool; 172,969 lbs, American Merchant, London; 13,954 lbs, Scanyork, Stockholm; 19,985 lbs, Saturnia, Trieste; 25,778 lbs, Conte Savoia, Genoa; 5,188 lbs, Peten, Havana; 4,764 lbs, Haiti, Port Prince; 512 lbs, Black Osprey, Rotterdam; (West Calumb) 8,036 lbs, Santos; 2,315 lbs, Montevideo; 278,829 lbs, New York, Hamburg; 378,786 lbs, Deutschland, Hamburg; 12,306 lbs, Black Hawk, Antwerp; (Hallbjorg) 292,115 lbs, London; 21,262 lbs, Hamburg; (Lafayette) 35,615 lbs, Bordeaux; 10,115 lbs, Havre; 15,176 lbs, New York City, Bristol; (Blankaholm) 6,462 lbs, Gothenburg; 2,320 lbs, Helsingfors; (Silverbeech) 812 lbs, Capetown; 38,621 lbs, Durban; 20,300 lbs, Lourenco Marques; 7,026 lbs, Pastores, Port Prince; (Ilsenstein) 3,860 lbs, Rotterdam; 2,126 lbs, Antwerp; (Vincent) 30,144 lbs, Havre; 13,984 lbs, Dunkirk; 6,840 lbs, Platano, Porto Barrios; 40,058 lbs, Westernland, Antwerp; 90,840 lbs, Waukegan, Manchester; 18,415 lbs, Bergensfjord, Oslo
INSECTICIDE—2,054 lbs, American Trader, London; 24,720 lbs, Hansa, Hamburg
AGRICULTURAL—609 lbs, Conte Savoia, Genoa
HOUSEHOLD—8,106 lbs, Tai Yin, Manila; (Saturnia) 884 lbs, Trieste; 1,036 lbs, Durazzo
LIQUID—16,996 lbs, Quirigua, Havana
IRON OXIDE—29,930 lbs, American Trader, London; 2,470 lbs, Tureby, Rio Janeiro; 26,120 lbs, American Merchant, London
ISOBUTYL ACETATE—6,955 lbs, West Calumb, Santos
ISOPROPYL ETHER—2,310 gls, Pipestone County, Havre
KEROSENE—30,580 gls, Tureby, Rio Janeiro; (Martinique) 3,000 gls, Port Paix; 3,500 gls, Gonaives; 2,000 gls, Jeremie
LACQUER—5,206 lbs, Tai Yin, Shanghai; 4,271 lbs, Silverbeech, Durban; 4,947 lbs, Blankaholm, Motala
COLORED—1,389 lbs, Blankaholm, Stockholm
THINNER—880 gls, Tai Yin, Manila
LARD—72,350 lbs, American Trader, London; 204,401 lbs, Scythia, Liverpool; 10,500 lbs, Quirigua, Havana; 76,087 lbs, Cameronia, Glasgow; 5,808 lbs, Aquitania, Southampton; 102,530 lbs, Saturnia, Trieste; 27,000 lbs, Peten, Havana; 9,300 lbs, Coamo, San Juan; 9,375 lbs, Antonia, London; 42,563 lbs, American Merchant, London; (New York City) 53,200 lbs, Bristol; 10,750 lbs, Cardiff; (San Jacinto) 10,000 lbs, San Juan; 10,000 lbs, Mayaguez; 18,331 lbs, Westernland, Antwerp; 45,240 lbs, Waukegan, Manchester; 20,160 lbs, Queen Mary, Southampton
LEAD, WHITE—2,357 lbs, Waukegan, Cork
LEMONGRASS TERPENES—2,700 lbs, Hansa, Hamburg
LINSEED CAKE—112,790 lbs, Scythia, Liverpool; 1,356,261 lbs, Hansa, Hamburg; 1,386,000 lbs, Black Osprey, Rotterdam; (Black Hawk) 2,960,190 lbs, Antwerp; 2,791,555 lbs, Rotterdam; 923,615 lbs, Hallbjorg, Hamburg; 1,352,748 lbs, Westernland, Antwerp
LITHOPONE—8,600 lbs, Cameronia, Glasgow; 21,500 lbs, American Traveler, Manchester
LUBRICANTS—28,180 lbs, American Trader, London; 3,640 lbs, Exeter, Beirut; 7,051 lbs, Blankaholm, Stockholm
MAGNESIA CHLORIDE POWD—10,582 lbs, New York, Hamburg
METAL NAPHTHENATE—7,080 lbs, Scythia, Liverpool
NAPHTHA—(New Brooklyn) 26,650 gls, Dakar; 35,200 gls, Conakry; 10,000 gls, Monrovia; 8,000 gls, Assinie; 5,000 gls, Cape Coast; 70,000 gls, Accra; 20,000 gls, Addah; 32,750 gls, Cotonou
OIL, AVIATION—420 tons, Hanseat, Hamburg
BUNKER—50 tons, Martinique, Fort Liberte
CAMPHORATED—9,283 lbs, President Harding, Sureanes
CASTOR—41,480 lbs, Tai Yin, Manila; 1,900 lbs, President Harding, Havre; 8,596 lbs, American Merchant, London; 2,539 lbs, Bergensfjord, Oslo
COCONUT—4,796 lbs, Peten, Havana
CORN—(San Jacinto) 17,131 lbs, San Juan; 2,318 lbs, Fajardo; 1,471 lbs, Ponce; 1,084 lbs, Mayaguez
CYLINDER—(Hanseat) 2,550 tons, Hamburg; 30 tons, Rotterdam; (Spidoleine) 178,164 gls, Vado; 890,862 gls, Fiume; 373,758 gls, Venice; 3,150 gls, Blankaholm, Gothenburg
EDIBLE—(Quirigua) 1,358 lbs, Limon; 775 lbs, Puntarenas; 1,691 lbs, Amapala; 1,981 lbs, Corinto; 1,320 lbs, San Juan del Sur; (Carabobo) 302 lbs, Bonaire; 5,016 lbs, Curacao; 6,688 lbs, Peten, Limon; (Pastores) 614 lbs, Porto Barrios; 4,381 lbs, Cartagena; 9,151 lbs, Porto Colombia; 5,306 lbs, Platano, Porto Barrios
ESSENTIAL RESIDUE—1,187 lbs, American Merchant, London
FUEL—1,100 gls, New Brooklyn, Cape Coast
LUBRICATING — 3,500 gls, Quirigua, Havana; 2,100 gls, Drammensfjord, Bergen; (Tonsbergfjord) 6,600 gls, Buenaventura; 14,465 gls, Tocopilla; 2,750 gls, Antofagasta; 33,625 gls, Valparaiso; 1,650 gls, Coquimbo; 17,385 gls, Talcahuano; (Tai Yin) 13,560 gls, Manila; 2,200 gls, Hongkong; (Sanyo) 35,957 gls, Yokohama; 28,352 gls, Yokohama-Osaka; 32,395 gls, Osaka-Kobe; 6,600 gls, Dairen; 3,000 gls, Takao; 3,925 gls, Moji; 23,760 gls, Kobe; 4,500 gls, Keelung; (New Brooklyn) 8,230 gls, Santa Cruz; 17,855 gls, Las Palmas; 2,500 gls, Dakar; 15,180 gls, Freetown; 2,475 gls, Assinie; 1,430 gls, Takoradi; 1,650 gls, Acera; 1,365 gls, Cotonou; 11,610 gls, Lagos; 650 gls, Apapa; 10,620 gls, Burutu; (Ile de France) 750 gls, Dunkirk; 516 gls, Bordeaux; 1,955 gls, Havre; 17,480 gls, American Trader, London; (President Harding) 81,654 gls, Havre; 1,375 gls, Hamburg; 400 gls, Czechoslovakia; (Scythia) 3,740 gls, Liverpool; 5,995 gls, Birkenhead; (Exeter) 9,460 gls, Marseilles; 3,550 gls, Switzerland; 3,150 gls, Tunis; 275 gls, Sfax; 770 gls, Milan; 57,530 gs, Alexandria; 1,955 gls, Alexandretta; 3,620 gls, Choluteca, Santiago; 5,500 gls, Duc Brabant, Porto Cabello; 1,100 gls, Borinquen, Ciudad; 1,650 gls, Carabobo, Curacao; (Hanseat) 4,115 gls, Hamburg; 175 tons, Rotterdam; 11,550 gls, Cameronia, Glasgow; 22,750 gls, Hansa, Hamburg; (Tureby) 8,080 gls, Rio de Janeiro; 1,980 gls, Santos; (Sessa) 1,730 gls, Buenaventura; 3,685 gls, Callao; 27,500 gls, Tocopilla; 1,590 gls, Valparaiso; 3,465 gls, Corral; 8,800 gls, Antonia, London; (American Traveler) 34,665 gls, Manchester; 1,581 gls, Belfast; 25,200 gls, Liverpool; 17,889 gls, American Merchant, London; 2,750 gls, Scanyork, Helsingfors; (Saturnia) 6,225 gls, Lisbon; 5,830 gls, Algiers; 1,050 gls, Ancon; 1,050 gls, Fiume; 1,375 gls, Santi Quaranti; 8,400 gls, Conte Savoia, Genoa; 10,780 gls, Peten, Havana; (Pipestone County) 26,186 gls, Havre; 3,950 gls, Dunkirk; (Haiti) 1,595 gls, Port au Prince; 2,245 gls, Kingston; 5,640 gls, Black Osprey, Rotterdam; (West Calumb) 25,078 gls, Santos; 4,015 gls, Montevideo; 32,145 gls, New York, Hamburg; 2,200 gls, Deutschland, Hamburg; 13,210 gls, Black Hawk, Antwerp; (Hallbjorg) 6,325 gls, London; 4,180 gls, Hamburg; (Lafayette) 4,400 gls, Saigon; 17,500 gls, Bordeaux; 13,850 gls, Dunkirk; 1,680 gls, Nantes; 5,460 gls, Rouen; 48,258 gls, Havre; 2,610 gls, Colombia, Porto Colombia; 3,300 gls, Musa, Porto Castilla; (New York City) 5,470 gls, Swansea; 17,630 gls, Cardiff; (Blankaholm) 5,940 gls, Gothenburg; 7,645 gls, Stockholm; 7,440 gls, Helsingfors, 3,740 gls, Silverbeech, Capetown; 6,528 gls, Ilsenstein, Rotterdam; 6,370 gls, Elg, Rio de Janeiro; (Vincent) 7,560 gls, Havre; 546 gls, Dunkirk; 1,560 gls, Platano, Porto Barrios; 27,854 gls, Westernland, Antwerp; (Waukegan) 53,464 gls, Manchester; 4,445 gls, Dublin; 3,700 gls, Bergensfjord, Oslo
MOTOR—(New Brooklyn) 5,500 gls, Lagos; 3,850 gls, Burutu
NEATSFOOT—2,367 lbs, President Harding, Hamburg
NUTMEG—1,578 lbs, Hansa, Hamburg
OLEO—39,186 lbs, American Trader, London; 5,635 lbs, Cameronia, Glasgow
PALE—755 tons, Hanseat, Hamburg; (Spidoleine) 61,110 gls, Vado; 122,220 gls, Fiume
PEPPERMINT—3,720 lbs, Hansa, Hamburg; 630 lbs, Saturnia, Trieste; 1,750 lbs, Antonia, London
PINE—1,425 lbs, New Brooklyn, Takoradi; 4,745 lbs, Sessa, Coquimbo
SIGNAL—550 gls, West Calumb, Montevideo
VALVE—(Hanseat) 1,320 tons, Hamburg; 100 tons, Rotterdam
WORMSEED—300 lbs, American Merchant, London
PAINT—1,928 lbs, Quiriqua, Havana; 38,280 lbs, Tai Yin, Manila; 6,333 lbs, Sanyo, Osaka; 7,218 lbs, American Trader, London; 714 lbs, Hansa, Memal; (Tureby) 3,773 lbs, Montevideo; 23,563 lbs, Buenos Aires; 822 lbs, Peten, Limon; 6,928 lbs, Blankaholm, Stockholm; (Silverbeech) 7,080 lbs, Port Elizabeth; 3,657 lbs, Durban; (Elg) 6,615 lbs, Rio Janeiro; 65,596 lbs, Buenos Aires; (San Jacinto) 2,198 lbs, Mayaguez; 1,805 lbs, Arecibo; 174,039 lbs, Westernland, Antwerp; 5,230 lbs, Waukegan, Cork
ENAMEL—101,163 lbs, Blankaholm, Stockholm
PREPARED—(Peten) 3,920 lbs, Limon; 4,263 lbs, Havana; 2,293 lbs, Bocas Toro; 2,716 lbs, Antonia, London; (Silverbeech) 2,434 lbs, East London; 875 lbs, Port Louis; 10,160 lbs, Bergensfjord, Oslo
THINNER—1,100 gls, Exeter, Tel Aviv; 300 gls, Sessa, Guayaquil; 550 gls, Elg, Buenos Aires
PARAFFIN—64,690 lbs, Quiriqua, Limon; 2,224 lbs, Tyrifjord, Trondhjem; (Tonsbergfjord) 22,145 lbs, Buenaventura; 44,345 lbs, Tumaco; 23,023 lbs, Callao; 22,504 lbs, President Harding, Hamburg; 22,376 lbs, Scythia, Liverpool; 12,880 lbs, Exeter, Alexandria; 10,080 lbs, Borinquen, Ciudad; 11,240 lbs, Cameronia, Glasgow; 683,145 lbs, Hansa, Hamburg; (Scanyork) 11,122 lbs, Gothenburg; 2,576 lbs, Copen-

PARAFFIN (Continued):—
hagen; 44,489 lbs, Aarhus; 91,202 lbs, Stockholm; 11,445 lbs, Peten, Cienfuegos; 6,659 lbs, West Calumb, Montevideo; 556,110 lbs, New York, Hamburg; 66,732 lbs, Black Hawk, Antwerp; (Musa) 20,201 lbs, Guatemala City; 30,303 lbs, Retalheu; 6,659 lbs, Porto Barrios; 11,281 lbs, Blankaholm, Gothenburg; 11,222 lbs, Ilsenstein, Rotterdam; 7,911 lbs, Elg, Rio Janeiro; 36,219 lbs, Pastores, Cartagena; (Platano) 23,252 lbs, Retalheu; 50,504 lbs, Antiqua; 20,201 lbs, Guatemala City; 31,139 lbs, Westernland, Antwerp; 11,239 lbs, Waukegan, Manchester; 4,449 lbs, Bergensfjord, Oslo
SCALE—362,514 lbs, Scythia, Liverpool; 59,959 lbs, Cameronia, Glasgow; 24,330 lbs, Black Hawk, Antwerp; 33,141 lbs, Ilsenstein, Rotterdam; 48,467 lbs, Waukegan, Manchester
PENTACETATE — 4,306 lbs, West Calumb, Santos
PETROLATUM, MEDICINAL — 32,024 lbs, Scythia, Liverpool; 12,233 lbs, Hansa, Hamburg; 1,342 lbs, Peten, Colon; 15,841 lbs, Bergensfjord, Oslo
PETROLEUM, REFD — (New Brooklyn) 500 gls, Las Palmas; 5,000 gls, Dakar; 10,000 gls, Conakry; 13,000 gls, Monrovia; 10,000 gls, Port Bouet; 12,000 gls, Assinie; 13,200 gls, Cape Coast; 20,000 gls, Accra; 25,000 gls, Addah; 30,000 gls, Cotonou
PHENOL—73,030 lbs, Hansa, Hamburg
POTASH, BICHROMATE—11,998 lbs, West Calumb, Buenos Aires; 10,320 lbs, Elg, Buenos Aires
RESIN—4,418 lbs, Scythia, Liverpool; 4,438 lbs, Scanyork, Gothenburg
SYNTHETIC—2,504 lbs, American Trader, London; (Hansa) 40,537 lbs, Hamburg; 2,300 lbs, Vestervik; 1,210 lbs, American Merchant, London; 20,175 lbs, New York, Hamburg; 13,143 lbs, Deutschland, Hamburg
ROOTS—4,496 lbs, Waukegan, Dublin
ROSIN—(Tonsbergfjord) 28,793 lbs, Mollendo; 114,699 lbs, Valparaiso; 22,337 lbs, American Merchant, London
SARSAPARILLA ROOT—1,696 lbs, Pipestone County, Havre
SOAP—(Hansa) 14,925 lbs, Gothenburg; 14,150 lbs, Stockholm; 5,000 lbs, San Jacinto, Ponce
LAUNDRY — (Martinique) 4,700 lbs, Cape Haiti; 9,400 lbs, Port Paix; 18,800 lbs, St Marc
TOILET—6,175 lbs, Scanyork, Stockholm
SODA ASH—32,600 lbs, Quirigua, Havana; 9,697 lbs, Tonsbergfjord, Buenaventura; 227,360 lbs, Sanyo, Osaka; 96,591 lbs, Tureby, Rio Janeiro; 18,140 lbs, Hallbjorg, Hamburg
BICARBONATE—24,000 lbs, Quirigua, Buenaventura; 23,751 lbs, Tonsbergfjord, Talcahuano
BICHROMATE—10,386 lbs, Elg, Buenos Aires
CARBONATE—49,588 lbs, Sessa, Arica
CAUSTIC—(Quirigua) 71,900 lbs, Havana; 25,350 lbs, Buenaventura; (Tonsbergfjord) 14,322 lbs, Buenaventura; 11,464 lbs, Mollendo; 57,479 lbs, Tureby, Santos; (Sessa) 29,376 lbs, Arica; 46,571 lbs, Valparaiso; 27,515 lbs, Hallbjorg, Hamburg; 23,980 lbs, Colombia, Cartagena; (Pastores) 11,800 lbs, Cartagena; 21,540 lbs, Porto Colombia
CYANIDE—7,194 lbs, Elg, Buenos Aires
HYPOSULPHITE—13,110 lbs, Sanyo, Osaka
PHOSPHATE TRI—4,798 lbs, Waukegan, Belfast
PICRAMATE—4,940 lbs, Black Hawk, Rotterdam
SILICATE—50,500 lbs, Peten, Havana; 10,993 lbs, San Jacinto, San Juan
SULPHITE—7,780 lbs, Elg, Buenos Aires
STARCH, CORN—575 lbs, Carabobo, Curacao; 2,750 lbs, Hansa, Hamburg
SULPHUR—4,040 lbs, Choluteca, Belize; 202,550 lbs, Moyra, Port Williams; 14,260 lbs, Haiti, Porto Colombia
TALC—67,200 lbs, Scythia, Liverpool; 22,400 lbs, Cameronia, Glasgow; 4,940 lbs, West Calumb, Buenos Aires; 67,215 lbs, Hallbjorg, Malmo
TANNING EXTRACT—5,907 lbs, Quirigua, Havana
TETRAETHYL LEAD—8,981 lbs, West Calumb, Montevideo
TITANIUM LITHOPONE—12,900 lbs, Cameronia, Glasgow
TURPENTINE—1,550 gls, Sessa, Valparaiso; 2,000 gls, West Calumb, Montevideo
VARNISH—592 lbs, Silverbeech, Durban; 4,635 lbs, Bergensfjord, Oslo
RUBBING—2,440 lbs, American Trader, London
WHITING—10,100 lbs, American Trader, London
WITCH HAZEL EXTRACT—4,938 lbs, President Harding, Havre; 19,120 lbs, American Trader, London; 7,440 lbs, Hallbjorg, London; 2,002 lbs, New York, Hamburg; 14,880 lbs, New York City, Bristol; 480 lbs, San Jacinto, Ponce
ZINC OXIDE—8,436 lbs, West Calumb, Santos

Baltimore Exports
Clearance Dates

Cadmus, April 10; City of Hamburg, April 1; Grete Maersk, April 3; Hokkai, April 7; Extavia, April 3; Irishank, April 3; Moyra, April 1; Naruto, April 3; Siredal, April 2; Seven Seas Sound, April 3; Steel Traveler, April 5; West Calumb, April 3

AMMONIA SULPHATE—7,447,950 lbs, Seven Seas Sound, Spain
ASBESTOS REFUSE—4,400 lbs, City of Hamburg, Hamburg
BLUE, ULTRAMARINE—2,500 lbs, Naruto, Osaka; 500 lbs, Hokkai, Osaka
CELLULOSE ACETATE—109,019 lbs, West Calumb, Sao Paula
CHEMICAL COMP—2,671 lbs, Steel Traveler, Manila
CLAY—1,000 lbs, West Calumb, Buenos Aires
COLOR, DRY—4,000 lbs, Grete Maersk, Manila
COPPER SULPHATE CRYSTALS—500,450 lbs, Cadmus, Tela
CORN FLOUR—7,700 lbs, Irishank, Manila; 30,800 lbs, Steel Traveler, Manila
FERTILIZER—4,000 lbs, Siredal, Windsor, N S
FIRECLAY—1,500 lbs, West Calumb, Buenos Aires
GLASS FRIT, CRUSHED—40,000 lbs, City of Hamburg, London
GLUE, POSTER—1,000 lbs, Grete Maersk, Mukden
GREASE, LUBRICATING—(Hokkai) 26,832 lbs, Yokohama; 121,880 lbs, Osaka
INSECTICIDE—90 gls, Grete Maersk, Hongkong; 29,272 lbs, Hokkai, Osaka; 792 lbs, Steel Traveler, Singapore
LIME SULPHUR SOL—472,726 lbs, Moyra, Port Williams
OIL, FISH LIVER—5,240 lbs, City of Hamburg, London
LUBRICATING—(City of Hamburg) 24,878 gals, Havre; 5,085 gals, London; 1,067 gals, Extavia, Casablanca
OYSTER SHELLS—40,000 lbs, Siredal, Windsor, N S
POLISH, METAL—11,940 lbs, Grete Maersk, Manila
POTASH, BICHROMATE—(City of Hamburg) 11,200 lbs, London; 2,273 lbs, Ahus, Sweden; 4,704 lbs, Port Okha
RUTILE—4,000 lbs, Grete Maersk, Kobe
SAND, IRON—44,800 lbs, Naruto Maru, Osaka
SODA, BICHROMATE—(City of Hamburg) 11,200 lbs, London; 6,720 lbs, Calcutta; 6,720 lbs, Port Okha; 11,200 lbs, Grete Maersk, Shanghai
CAUSTIC—158,900 lbs, Grete Maersk, Manila
NITRATE—400,000 lbs, Siredal, Windsor, N S
SILICATE—30,011 lbs, Grete Maersk, Shanghai
STARCH, CORN—2,400 lbs, Irisbank, Manila
SULPHUR—60,000 lbs, Siredal, Kentville, N S
SUPERPHOSPHATE—178 tons, Moyra, Port Williams; 4,324,140 lbs, Siredal, Windsor N S

Beaumont Exports
Clearance Date

Manoeran, April 7

OIL, BATCHING—2,000 tons, Manoeran, Calcutta

Boston Exports
Clearance Dates

Cameronia, April 3; San Blas, April 8; Yarmouth, April 3; 7

CEMENT, ELASTIC—16 pkgs, 772 lbs, Yarmouth, St. John, N B
RUBBER—2 bbls, 804 lbs, San Blas, Kingston
GLUE, LIQ—3 cs, 186 lbs, Yarmouth, Halifax
LICORICE ROOT — 1 cs, 110 lbs, Yarmouth, Halifax
NICOTINE SULPHATE—20 dms, 10,000 lbs, Yarmouth, Yarmouth
OIL, CARBON CUTTING—1 crtn, 5 lbs, Yarmouth, Yarmouth
LUBRICATING—(Yarmouth) 14 dms, 543 gls, Yarmouth; 65 bbls, 29,250 lbs, Charlottetown
POLISH, SHOE—8 cs, 1 kg, 39 gls, San Blas, Kingston
STOVE—2 bxs, 215 lbs, Yarmouth, Moncton, N B
SENNA PODS — 1 bg, 109 lbs, Yarmouth, St John, N B
SOAP, LIQ—1 dm, 55 gls, Yarmouth, St John, N B
SPICE—2 kgs, 200 lbs, Yarmouth, Halifax
SULPHUR FLOUR—600 bgs, 60,000 lbs, Yarmouth, Aylesford, N S
TURPENTINE, GUM — 20 dms, 1,040 gls, Yarmouth, St John, N B
WOOD—5 dms, 275 gls, Yarmouth, St John, N B
WAX, SHOE—1 cs, 25 lbs, San Blas, Kingston

Corpus Christi Exports
Clearance Dates

C A Canfield, April 2; Jane Maersk, April 1

GASOLINE—63,581 bbls, C A Canfield, Foreign
PETROLEUM, CRUDE—70,326 bbls, Jane Maersk, Gothenburg

Galveston Exports
Clearance Dates

Laura C, April 3; Margaret Lykes, April 2; Quistconck, April 1; Vito, April 6

BLACK, CARBON—7 tons, Quistconck, Piraeus
OIL, OLIVE—148 tons, Margaret Lykes, Havana
SULPHUR—19 tons, Margaret Lykes, Havana; 1,650 tons, Laura C, Algiers; 30 cs, Vito, Osaka

Houston Exports
Clearance Dates

Ada O, April 2; Hagen, April 5; Kentucky, April 6; Margaret Lykes, April 1; Monfiore, April 6; Nashaba, March 31; President Francqui, April 5; Quistconck, April 6; Stella Lykes, April 2; Tatra, April 5; Vito, April 5; West Ekonk, April 5; West Quechee, March 31

ASPHALT—12 tons, Tatra, Gothenburg
BLACK, CARBON—(Nashaba) 441 bgs, Hamburg; 74 cs, 672 bgs, Bremen-Hamburg; (West Quechee) 400 cs, 5,000 bgs, 100 ctns, Havre; 30 cs, 100 bgs, London; 30 cs, Antwerp; 800 cs, Rotterdam; 300 cs, Ada O, Genoa; (Tatra) 150 cs, Copenhagen; 155 cs, 3,360 bgs, Gdynia; (Vito) 16 tons, Yokohama; 88 tons, Osaka; 55 tons, Moji transhipment at Kobe; 14 tons, Shanghai transhipment at Kobe; 8 tons, Hongkong transhipment at Kobe; 21 tons, Tientsin transhipment at Kobe; 2 tons, Tsingtao transhipment at Kobe; 25 tons, Hankow transhipment at Kobe; 2 tons, Samarang transhipment at Kobe; 4 tons, Port Swettenham transhipment at Kobe; 50 tons, Yokohama-Osaka-Kobe; (West Ekonk) 40 cs, 3,500 bgs, Liverpool; 3,300 bgs, 130 cs, Manchester; 24,000 bgs, Liverpool-Manchester; 1,100 bgs, Quistconck, Genoa; 100 cs, Kentucky, Copenhagen; 350 bgs, Monfiore, Genoa
COTTONSEED—10 tons, Monfiore, Genoa
GASOLINE—6,500 tons, President Francqui, Amsterdam; 7,000 tons, Hagen, Los Angeles
LUBRICANTS—168 pkgs, Tatra, Oslo; (Margaret Lykes) 36 tons, Cristobal; 44 tons, Cartagena; (Stella Lykes) 4 tons, Port au Prince; 38 tons, Ciudad Trujillo
OIL, LUBRICATING—50 bbls, West Quechee, Rotterdam; (Tatra) 115 dms, Oslo; 50 dms, Gothenburg; 150 dms, Vito, Osaka; 500 tons, Monfiore, Genoa
POTASH—5,000 bgs, Vito, Yokohama

Los Angeles Exports
Clearance Dates

Albertolite, March 28; Argyll, March 31; Batum, March 30; Coya, March 29; Limerick, March 31; Nordanger, March 30; Pericles, March 24; R J Hanna, March 31; Rochelle, April 1; Santa Elena, March 21; Santa Maria, March 27; Silverguava, March 18; Solheim, March 28; Spencer Kellogg, April 1; Stornanger, March 27; Talan, March 24; Ton, March 29; Toho, March 23; York City, March 21

ACID, BORIC—1,000 bgs, 112,000 lbs, York City, London
BENTONITE—220 bgs, 11,000 lbs, Santa Elena, Porto Colombia
BORATE—1,040 bgs, 112,000 lbs, York City, London
BORAX—30 cs, 3,360 lbs, Santa Elena, Mazatlan; (York City) 2,000 bgs, 224,000 lbs, London; 1,134 bgs, 190,510 lbs, Cardiff
CLAY, GRD—(Silverguava) 48 bgs, 4,800 lbs, Tjepoe; 40 bgs, 4,000 lbs, Balik Papan; 100 bgs, 11,200 lbs, Pladjoe; 133 bgs, 14,560 lbs, Tarakan
GASOLINE—78,288 bbls, 20,433,170 lbs, Batum, Vladivostok; 900 cs, 300 dms, 188,120 lbs, Silverguava, Manila
GREASE, LUBRICATING—5 dms, 2,000 lbs, Silverguava, Singapore
INFUSORIAL EARTH—110 bgs, 11,100 lbs, Silverguava, Sourabaya; (Santa Elena) 23 bgs, 2,240 lbs, Curacao; 20 bgs, 2,000 lbs, Panama City; 112 bgs, 11,200 lbs, York City, Cardiff; 580 bgs, 58,240 lbs, Santa Elena, Havana
KEROSENE—(Silverguava) 2,000 cs, 170,000 lbs, Penang; 2,500 cs, 212,500 lbs, Cebu; 3,000 cs, 255,000 lbs, Manila
OIL, DIESEL—(Storanger) 20,112 bbls, 6,274,940 lbs, Shimotsu; 49,399 bbls, 15,412,490 lbs, Osaka-Shimotsu; 82,841 bbls, 25,734,070 lbs, Solheim, Shanghai or option; (R J Hanna) 6,200 bbls, 1,934,400 lbs, Mazatlan; 8,684 bbls, 2,709,410 lbs, Manzanillo; 84,844 bbls, 26,471,330 lbs, Santa Maria, Cristobal; 2,074 bbls, 69,064 lbs, Coquimbo
FUEL—42,211 bbls, 14,056,260 lbs, Spencer Kellogg, Manila; 27,220 bbls, 9,064,260 lbs, Storanger, Shimotsu; 24,995 bbls, 8,323,340 lbs, Argyll, Santa Rosalia; 88,151 bbls, 29,354,280 lbs, Nordanger, Tocopilla; 4,278 bbls, 1,424,570 lbs, Limerick, Sydney
GAS—(Silverguava) 3,417 bbls, 1,031,930 lbs, Manila; 3,500 bbls, 1,057,000 lbs, Cebu
LUBRICATING—(Silverguava) 15 dms, 7,370 lbs, Singapore; 3 dms, 1,550 lbs, Sourabaya
PETROLEUM, CRUDE—86,743 bbls, 27,043,820 lbs, Toa, Tokuyama; 87,054 bbls, 27,160,850 lbs, Toho, Tokuyama; 62,989 bbls, 19,652,570 lbs, Albertolite, Vancouver
POTASH MURIATE—9,170 bgs, 1,102,300 lbs, Taian, Yokohama
SOLVENTS, SYNTH—9,670 lbs, York City, London
SULPHUR, POWD—3,000 lbs, Santa Elena, Cali
TALC—182 sx, 20,160 lbs, Santa Elena, Havana

New Orleans Exports
Clearance Dates

Blommersdijk, April 2; Goslar, March 26; Havso, April 8; Idarwald, March 31; Laura C, March 29; Lindvangen, March 16; Mosli, April 3; Port Antonio, February 10; Scholar, March 18; Sinaloa, February 5; Sixaola, February 4; Sorvangen, March 30; Waalhaven, March 23; Western Queen, March 31

ASPHALT—19 tons, Western Queen, Liverpool
BLACK, CARBON—(Blommersdijk) 43 tons, London; 5 tons, Antwerp; 10 tons, Rotterdam; 16 tons, Amsterdam; 800 sx, Idarwald, London; (Western Queen) 80 tons, Liverpool; 139 tons, Liverpool-Manchester; 75 cs, Sixaola, Valparaiso; 50 cs, Scholar, Manchester; (Goslar) 135 cs, 270 sx, Sydney; 183 cs, Melbourne; 11 cs, Adelaide
BORATE, CRUDE—145 tons, Western Queen, Liverpool
CALCIUM ARSENATE — (Sixaola) 150 dms, Callao; 500 dms, Pisco
CLAY—100 sx, Sixaola, Puerto Colombia; 23 sx, Goslar, Adelaide; 27 tons, Western Queen, Liverpool
FILTER—1,200 sx, Idarwald, London
GROUND—54 tons, Blommersdijk, London
COTTONSEED PITCH — 11 tons, Western Queen, Liverpool; 150 bbls, Waalhaven, Hamburg
FIRECLAY—20 dms, Sixaola, Havana
GASOLINE—2,016 tons, Mosli, Hamburg; (Port Antonio) 1,301 cs, Belize; 30 dms, 50 cs, Livingston; 10 dms, Sinaloa, Bluefields; 10 dms, Lindvangen, Moengo
GLUCOSE—5 bbls, Lindvangen, Ciudad Trujillo
INK—15 dms, Sixaola, Havana
INFUSORIAL EARTH—1,120 sx, Goslar, Adelaide
INSECTICIDE—30 dms, Laura C, Istanbul
KEROSENE—300 cs, Sixaola, Puerto Armuelles; (Port Antonio) 400 cs, 180 dms, Kingston; 200 cs, Puerto Castilla; 275 cs, 39 dms, Sinaloa, Bluefields; 150 cs, Sorvangen, Port au Prince
LARD—(Sixaola) 10 crts, 10 cs, 345 dms, 700 tins, Havana; 300 tins, Puntarenas; 300 dms, Port Antonio, Santiago; 10 crts, Sinaloa, Bluefields; 250 tins, 145 cs, Lindvangen, Port au Prince
LIGNIN LIQUOR—100 dms, Idarwald, Antwerp
OIL, COTTONSEED—88 dms, Sixaola, Cristobal
FUEL—(Port Antonio) 100 dms, Belize; 10 dms, Livingston
GAS—20 dms, Port Antonio, Belize
LUBRICATING — 13 tons, Blommersdijk, Antwerp; 266 dms, Idarwald, London; 22 tons, Western Queen, Liverpool; 90 dms, Sixaola, Havana; (Laura C) 65 bbls, Venice; 257 bbls, Fiume; 698 tons, Fiume-Vado; (Goslar) 10 dms, Sydney; 140 dms, Melbourne; 80 cs, Port Antonio, Belize; 4 dms, Sinaloa, Bluefields; 4 dms, Lindvangen, Ciudad Trujillo
REFINED—25 cs, Port Antonio, Belize
PAINT—3 dms, Goslar, Melbourne; 11 cs, Port Antonio, Santiago; 7 cs, Sorvangen, Port au Prince
LIQUID—38 ctns, Sorvangen, Port au Prince
PARAFFIN—(Blommersdijk) 68 tons, London; 51 tons, Rotterdam; (Idarwald) 1,016 sx, London; 389 bbls, Rotterdam; (Laura C) 191 sx, Trieste; 306 sx, Bourgas; 191 sx, Fiume; 128 sx, Susak; 1,646 sx, Waalhaven, Hamburg
PENTANE—10 dms, Sorvangen, Moengo
PEPPER—50 sx, Lindvangen, Ciudad Trujillo
PETROLEUM, CRUDE — 182 dms, Sixaola, Cristobal; 10,166 tons, Mosli, Hamburg
PINETAR—20 dms, Goslar, Sydney
PITCH—77 bbls, 1 kg, Goslar, Melbourne
ROSIN—(Sixaola) 15 dms, Puerto Limon; 90 dms, 100 sx, Cartagena; 100 sx, Puerto Colombia; 145 dms, Buenaventura; 60 dms, Lindvangen, Puerto Cabello
WOOD—100 dms, Sixaola, Havana; 75 sx, Goslar, Adelaide
SALT—1 ton, Sixaola, Cristobal; (Port Antonio) 22 tons, Belize; 1 ton, Puerto Castilla; 1 ton, Sinaloa, Bluefields
CASING—89 sx, Goslar, Sydney
SHRIMP BRAN—30 sx, Sixaola, Cristobal
SODA—25 ctns, Sorvangen, Willemstad
STARCH—165 pkgs, Lindvangen, Ciudad Trujillo
SULPHUR—2,800 tons, Havso, San Nicholas
TAR—5 dms, Goslar, Brisbane
TURPENTINE—63 dms, Sixaola, Havana; 8 dms, Port Antonio, Santiago
MINERAL—400 cs, 40 dms, Goslar, Brisbane

Norfolk Exports
Clearance Dates

Binnendijk, March 24; City of Baltimore, March 26; City of Dalhart, March 25; City of Hamburg, April 2; Ingrid, April 2; Matra, March 24; Quaker City, March 31; Topeka, March 26

BONE SCRAP—1,475 bgs, 80 tons, Binnendijk, Rotterdam
CARBON TETRACHLORIDE—55 dms, 40,001 lbs, City of Hamburg, London
GLUCOSE—60 bbls, 45,851 lbs, City of Dalhart, Manila
GLUE, MARINE—4 bxs, 492 lbs, City of Dalhart, Honolulu
INSECTICIDE, AGRIC—1,400 ctns, 7,200 lbs, Binnendijk, Rotterdam
MEDICINAL PREPS—25 pkgs, City of Baltimore, London
MICA, GRD—95 bgs, 9,500 lbs, City of Hamburg, Hamburg
PULVERIZED—320 bgs, 32,320 lbs, Matra, London; (City of Baltimore) 50 bgs, 5,050 lbs, Hamburg; 50 bgs, 5,050 lbs, Havre; 40 bgs, 4,040 lbs, City of Hamburg, London
OCHER—(Quaker City) 420 bgs, 68,040 lbs, Leith; 560 bgs, 90,720 lbs, Dundee
OIL, LUBRICATING—400 bxs, 36,800 lbs, City of Dalhart, Honolulu
PAINT — 3 pls, 1 bx, 187 lbs, Ingrid, St Thomas; 3 pls, City of Dalhart, Honolulu
REMOVER—84 bxs, 9,376 lbs, City of Dalhart, Manila
POLISH, FURNITURE — 13 bxs, 1,586 lbs, City of Dalhart, Manila
POTASH MURIATE—1,102,300 lbs, Binnendijk, Rotterdam
SODA, NITRATE—(Ingrid) 10 bgs, 2,020 lbs, Roseau; 850 bgs, 171,275 lbs, Bridgetown
SULPHUR DIOXIDE—16 cyls, 3,096 lbs, Topeka, Oelo

Philadelphia Exports
Clearance Dates

Black Falcon, April 6; Black Osprey, April 3; City of Flint, April 2; Dunstaffnage, April 2; Falcon, April 6; Hokkai, April 5; Laganbank, April 6; Quaker City, April 2; San Bernardino, April 3; San Clemente, April 9; Schodach, April 8; Spidoleine, April 9; Steel Traveler, April 8; West Lashaway, April 3

AMMONIA, ANHYD—(Laganbank) 60 cyls, Karachi; 10 cyls, Bombay
ARTISTS' MATERIALS—10 cs, Steel Traveler, Manila
BLACK, BONE—5 dms, Laganbank, Bombay
BLUE, MECHANICS'—1 ctn, Schodack, Havre
CEMENT—160 pkgs, Schodack, Havre
FIBER—2 dms, Black Osprey, Amsterdam; 6 dms, Quaker City, Cork
RUBBER—3 dms, Black Osprey, Amsterdam; 3 dms, 1 pl, Quaker City, Cork
CLAY—1 bg, City of Flint, Liverpool
CLEANER COMP—(Laganbank) 4 ctns, Penang; 5 bbls, Calcutta; 7 dms, 2 kgs, 1 cs, 25 ctns, Schodack, Havre
COCO BUTTER—175 ctns, Hokkai, Yokohama
CAKE—405 bgs, Black Falcon, Amsterdam
WASTE—2,329 bgs, Black Falcon, Amsterdam
COTTON LINTERS—75 bls, Black Falcon, Antwerp
DYESTUFFS, DRY—(Hokkai) 12 bbls, Kobe; 29 bbls, Shanghai
ETHYL FLUID—(Schodack) 8 dms, St Nazaire; 65 dms, Bordeaux
GASOLINE—(West Lashaway) 4,250 cs, Dakar; 2,000 cs, Conakry; 250 cs, Freetown; 2,000 cs, Port Bouet; 500 cs, Takoradi; 1,350 cs, Winnebah; 500 cs, Accra; 30 dms, 750 cs, Cotonou; 6,000 cs, Lagos; 600 cs, Duala; 1,500 cs, Kribe; 1,250 cs, Libreville; 1,500 cs, Port Gentil
GLASS, LAMINATED—1 cs, San Bernardino, Cristobal; 1 cs, San Clemente, Cristobal
WINDOW—3 cs, San Bernardino, Cristobal
GREASE, LUBRICATING—(West Lashaway) 50 cs, 10 dms, Dakar; 40 cs, 10 dms, Conakry; 33 cs, 10 dms, Port Bouet; 51 cs, Lagos; 4 cs, Dunstaffnage, Para; (San Bernardino) 40 dms, 17 cs, Bogota; 4 dms, San Jose; 3 dms, Hokkai, Kobe; 1 pl, 1 dm, Black Osprey, Amsterdam; 1 pl, Quaker City, Cork; 3 dms, Laganbank, Bombay; (Black Falcon) 164 bbls, Rotterdam; 6 bbls, 9 pls, 1 bx, 14 dms, Amsterdam; 10 cs, Schodack, Havre; (San Clemente) 17 cs, 8 dms, Puerto Colombia; 4 dms, 13 cs, Cucuta
INK—24 ctns, Laganbank, Calcutta
INSECTICIDE—(Laganbank) 18 ctns, Penang; 17 ctns, Bombay
LICORICE MASS—40 cs, Black Falcon, Antwerp
LINSEED CAKE—3,149 bgs, City of Flint, Avonmouth; (Black Osprey) 6,622 bgs, Antwerp; 4,396 bgs, Rotterdam; 4,725 bgs, Rotterdam-Antwerp; 1,461 bgs, Black Falcon, Rotterdam
MEDICINAL PREPS—11 ctns, San Bernardino, Panama; (Steel Traveler) 17 bxs, Manila; 1 bx, Peiping
MINERAL SPTS—100 cs, Dunstaffnage, Para
OIL, FUEL—100 dms, West Lashaway, Libreville
ILLUMINATING—(West Lashaway) 1,250 cs, Dakar; 750 cs, Conakry; 750 cs, Freetown; 950 cs, Port Bouet; 520 cs, Takoradi; 170 cs, Winnebah; 140 cs, Accra; 1,750 cs, Cotonou; 600 cs, Duala; 1,500 cs, Kribe; 1,400 cs, Libreville; 850 cs, Port Gentil; (Dunstaffnage) 101 dms, 136 pkgs, 81 cs, Para; 25 dms, 484 pkgs, 40 cs, Pernambuco; 120 pkgs, Bahia; 153 pkgs, Cabedello; 51 pkgs, Maceio; (City of Flint) 130 bbls, Manchester; 130 bbls, 51 dms, Liverpool; (West Lashaway) 35 dms, 250 cs, 62 pkgs, Dakar; 30 dms, 80 cs, Conakry; 15 dms, 125 cs, 320 pkgs, Port Bouet; 100 dms, 40 cs, 215 pkgs, Takoradi; 30 dms, 20 cs, 50 pkgs, Winnebah; 70 dms, 20 cs, Accra; 10 dms, Cotonou; 105 dms, 95 cs, 120 pkgs, Lagos; 436 pkgs, Port Gentil; 80 pkgs, Kumasi; 359 pkgs, Duala; 60 pkgs, Kribe; 60 pkgs, Libreville; 1,211 pkgs, Belgian Congo; (San Bernardino) 45 dms, Callao; 10 dms, Huacho; 15 dms, Paita; 3 dms, Ilo; 2 qtr dms, Mollendo; 16 dms, Bergt; 11 dms, San Jose; (Hokkai) 130 dms, Yokohama-Osaka; 50 dms, Osaka; 30 dms, Moji; 200 dms, Osaka-Kobe; 319 dms, Kobe; (Black Osprey) 1,526 bbls, Antwerp; 4 dms, Amsterdam; 157 dms, Quaker City, Cork; (Laganbank) 65 dms, 1,340 pkgs, Madras; 643 dms, 15 hlf-dms, 1 bx, 7 cs, 4,660 pkgs, Bombay; 8 dms, Pondicherry; 621 dms, 456 tons, 2,340 pkgs, Calcutta; 36 dms, 18 cs, 439 pkgs, Basra; 65 dms, 1 cs, 1,315 pkgs, Karachi; 489 pkgs, Colombo; 116 pkgs, Port Said; (Black Falcon) 48 bbls, Rotterdam; 91 dms, Amsterdam; 305 bbls, Antwerp; (Schodack) 414 bbls, 65 dms, 54 pkgs, Havre; 645 bbls, St Nazaire; 160 bbls, Bordeaux; (San Clemente) 27 dms, 42 cs, Puerto Colombia; 6 dms, 22 cs, Cucuta; (Spidoleine) 418,868 gls, Genoa; 105,458 gls, Venice; 42,310 gls, Fiume
SILK—10 dms, Hokkai, Kobe
PAINT—110 kits, Dunstaffnage, Para; 1 cs, 38 dms, 122 pails, Black Osprey, Amsterdam; 1 dm, Quaker City, Cork; 1 cs, Black Falcon, Rotterdam; 131 crtns, Schodack, Havre
PARAFFIN — 235 bgs, Laganbank, Bombay; (Black Falcon) 40 bgs, Rotterdam; 125 bbls, Amsterdam
REFD—306 bgs, City of Flint, Liverpool; 306 bgs, Hokkai, Dairen; (San Clemente) 50 bgs, Puerto Barrios; 50 bgs, Colombia
SEMI-REFINED—30 bgs, San Clemente, Colombia
PHENOL, DRY—27 bbls, Black Falcon, Biebrich

POLISH—346 pkgs, Schodack, Havre
AUTO—1 pail, Black Osprey, Amsterdam; 1 cs, 1 pail, Quaker City, Cork; (Laganbank) 6 crtns, Penang; 2 cs, Bombay
LEATHER—3 kgs, Laganbank, Bombay
SODA ASH—5 dms, Hokkai, Kobe; 2 dms, Laganbank, Bombay
TANNING MATERIAL—5 bbls, Black Falcon, Rotterdam
TURPENTINE SUBSTITUTE — 65 dms, Laganbank, Calcutta
VARNISH—1 dm, 1 cs, Laganbank, Bombay

Port Arthur Exports

Clearance Dates

Frimaire, March 23; Hoegh Giant, March 27; Nevada, March 24; Reaper, March 27; Solsten, March 27; Velma Lykes, March 24

ASPHALT—(Velma Lykes) 25 dms, 8 cs, San Juan; 1 bx, Mayaguez; (Solsten) 4 bxs, Rio de Janeiro; 49 dms, Santos
LIQUID—(Velma Lykes) 2 bxs, Aquadilla; 1 bx, Arecibo
PETROLEUM—(Nevada) 6,008 bbls, Havre; 2,348 dms, 126 bbls, 550 dms, Antwerp
SOLID—20 dms, Velma Lykes, Mayaguez
GASOLINE—(Velma Lykes) 40 bbls, San Juan; 115,811 bbls, Hoegh Giant, Capetown; (Solsten) 23,029 bbls, Rio de Janeiro; 36,000 bbls, 1,000 cs, Santos
GREASE, LUBRICATING—74 bbls, 170 ctgs, 15 cs, Nevada, Bordeaux; (Velma Lykes) 81 dms, 50 pls, 151 cs, San Juan; 30 cs, 15 pls, Aguadilla; 40 dms, La Guaira; 176 dms, 18 pls, 25 cs, Ponce; 2 dms, 2 pls, 24 cs, Arecibo; 14 dms, 23 cs, 12 pls, Mayaguez; (Solsten) 70 dms, Rio de Janeiro; 105 dms, 35 cs, Santos
KEROSENE—(Velma Lykes) 3,610 cs, San Juan; 250 cs, Fajardo; 800 cs, Aquidilla; 1,200 cs, Ponce; 1,010 cs, Arecibo; 1,420 cs, Mayaguez; 3,709 bbls, Hoegh Giant, Capetown; 6,017 bbls, Solsten, Rio de Janeiro
OIL, DIESEL—3,975 bbls, Hoegh Giant, Capetown
LUBRICATING—(Nevada) 38 bbls, Havre; 150 dms, Antwerp; (Velma Lykes) 471 dms, 271 cs, San Juan; 4 cs, 5 dms, Fajardo; 5 dms, 28 cs, Aguadilla; 84 dms, La Guaira; 25 dms, 9 cs, Arecibo; 46 dms, 45 cs, Mayaguez; (Hoegh Giant) 325 dms, Capetown; 315 dms, East London; 573 dms, Durban; (Solsten) 25 cs, Rio de Janeiro; 350 dms, 645 cs, Santos; 64,000 bbls, 1,549 dms, 1,736 cs, Reaper, Los Angeles
PAINT—14 dms, Velma Lykes, San Juan
PETROLEUM, CRUDE—95,573 bbls, Frimaire, Bordeaux
SOLVENT, PAINT—(Velma Lykes) 5 dms, 45 cs, San Juan; 2 cs, Arecibo; 2 cs, Mayaguez
WAX—104 bgs, Solstein, Santos
DRESSING—10 cs, Velma Lykes, San Juan

San Francisco Exports

Clearance Dates

Admiral Wood, March 23; Cape Horn, March 17; Lise, March 25; Nansenville, March 26; President Coolidge, March 25; President Taft, March 20; Santa Elena, March 20; Silverguava, March 24; Tosca, March 24

ABRASIVE CLOTH—41 pkgs, President Coolidge, Manila
ACETONE—1 dm, Silverguava, India
ACID, CITRIC—1 dm, Santa Elena, La Libertad
FATTY—200 sks, Santa Elena, San Jose de Guatemala
MURIATIC—1 cs, Santa Elena, Cartagena
NITRIC—1 cs, Santa Elena, Mazatlan; 1 cs, Santa Elena, Cartagena
TARTARIC—1 cs, Santa Elena, Mazatlan
ALCOHOL—6 kgs, Cape Horn, Papeete
DENATURED—2 cns, Cape Horn, Papeete
ALUMINA SULPHATE—2,000 sks, Admiral Wood, Ocean Falls
AMMONIA—4 cs, President Taft, Manila; 1 cs, Santa Elena, Guatemala City; 4 cs, Silverguava, Philippine Islands
ANHYDROUS—45 cyls, President Coolidge, Manila
SULPHATE—2 sks, Cape Horn, Papeete
ASPHALT—25 bbls, President Taft, Manila; (Silverguava) 573 dms, Burma; 1,650 dms, India; 596 bbls, Straits Settlements; 610 bbls, Port Swettenham; (President Coolidge) 467 dms, Tokyo; 1,807 dms, Manila; 997 sks, Yokohama; 166 dms, Shanghai; 108 bbls, Hongkong; 182 sks, Osaka
CRUDE—85 sks, President Coolidge, Osaka
GRITS—1 sk, President Taft, Shanghai
BIOLOGICAL PROD—1 pkg, President Taft, Philippine Islands
BLACK, CARBON—20 cs, Silverguava, Port Swettenham
BLUE, LAUNDRY—6 cs, Cape Horn, Papeete; (President Taft) 21 cs, Manila; 2 cs, Pasay; 60 cs, President Coolidge, Manila
BLUESTONE—29 bbls, President Taft, Manila
BONE ASH—1 dm, Santa Elena, Cartagena
BONES—203 sks, President Taft, Shanghai; (President Coolidge) 227 sks, Manila; 316 sks, Hongkong
BORAX—3 cs, President Taft, Manila; 1 kg, Santa Elena, Cartagena; 20 sks, President Coolidge, Manila
BRAKE FLUID—1 cs, Silverguava, Philippine Islands
BRONZE POWDER—1 cs, President Taft, Yokohama
CALCIUM CHLORIDE—1 dm, Cape Horn, Papeete
CARAWAY SEED—2 cs, Silverguava, Philippine Islands
CARBON BISULPHIDE—2 dms, Silverguava, Philippine Islands
TETRACHLORIDE—10 cs, President Taft, Manila
CEMENT, ASBESTOS—250 sks, President Taft, Manila
LINOLEUM—2 dms, Silverguava, India
MAGNESIA—(President Taft) 250 sks, Manila; 79 sks, Shanghai
CHALK, PREPARED—1 cs, President Coolidge, Manila
CHEMICALS—1 cs, Santa Elena, Cartagena; (President Coolidge) 7 cs, Shanghai; 17 cs, Hongkong; 1 cs, President Taft, Yokohama
BOILER—11 dms, President Coolidge, Shanghai
PHOTO—1 cs, President Coolidge, Tokyo
RUBBER—4 dms, President Taft, Shanghai
CHLORINE BLEACH, LIQ—2 cs, Cape Horn, Papeete; (President Taft) 15 cs, Manila; 2 cs, Pasay; 10 cs, Silverguava, Philippine Islands; 6 cs, President Coolidge, Shanghai
CINNAMON—8 bls, Santa Elena, Buenaventura
CLEANER—3 cs, Cape Horn, Papeete
WINDOW—5 cs, Silverguava, Philippine Islands
CLEANING COMP—6 cs, President Taft, Manila
CLEANSER—5 cs, President Coolidge, Kobe
CLOVES—3 sks, Santa Elena, San Jose de Guatemala
COALTAR—2 cs, Cape Horn, Papeete
INTERMEDIATES—16 dms, President Taft, Yokohama
COLORS, DRY—(President Taft) 7 cs, Shanghai; 6 bbls, Manila; 1 cs, Santa Elena, San Jose de Guatemala
CREAM TARTAR—1 cs, President Taft, Manila; 2 cs, Silverguava, Philippine Islands
DENTIFRICE—2 cs, President Coolidge, Manila
DRESSING, BELT—1 cs, Cape Horn, Papeete
LEATHER—3 kgs, President Coolidge, Manila
SHOE—(President Coolidge) 1 cs, Hongkong; 3 cs, Manila
DYE, WOOD—31 cs, Silverguava, Philippine Islands
FILLER, WOOD — 5 cs, President Coolidge, Manila
FILTER CLOTH—1 cs, President Taft, Shanghai; 1 bl, Santa Elena, Mazatlan
GASOLINE—779 cs, 703 dms, Cape Horn, Papeete; 61,255 bbls, Lise, Freemantle/Adelaide-Melbourne
GLUE, DRY—5 cs, President Coolidge, Manila
GLYCERIN—200 cs, Silverguava, Philippine Islands
GREASE, AXLE—1 cs, Cape Horn, Papeete
LUBRICATING—10 cs, Cape Horn, Papeete; 12 cs, Santa Elena, Mazatlan; (Silverguava) 10 pls, Burma; 15 bbls, Java; 25 dms, Singapore-Port Swettenham-Penang; 69 dms, 10 pls, 2 cs, Straits Settlements; (President Coolidge) 45 dms, 10 pls, 115 cs, Manila; 1 cs, Yokohama; 2 cs, 2 pls, Kobe
GYPSUM, CALCINED—140 sks, President Taft, Manila
HOPS—5 cs, Cape Horn, Papeete; 15 cs, President Taft, Hongkong
HYPOCHLORIDE — 2 cs, President Taft, Shanghai
INDIGO PASTE—1 kg, President Coolidge, Shanghai
INK—81 cs, President Taft, Manila
MARKING—1 cs, President Taft, Yokohama
MIMEOGRAPHING—1 cs, Cape Horn, Papeete
PRINTING—4 cs, Silverguava, Batavia; (President Coolidge) 6 pls, 9 dms, 1 cs, Shanghai; 5 dms, 20 hlf dms, 20 pls, 13 cs, Manila
WRITING—(President Taft) 48 cs, Cebu; 468 cs, Hongkong; 11 cs, President Coolidge, Manila
INSECTICIDE—2 cs, President Taft, Manila
AGRICULTURE—2 cs, Silverguava, India
HOUSEHOLD — 48 cs, Silverguava, Straits Settlements; 7 cs, President Coolidge, Manila
LIQUID—3 cs, President Coolidge, Nanking
INSULATING COMP—1 cs, President Taft, Manila
KELP MEAL—45 sks, President Taft, Hongkong
KEROSENE—4 dms, 1,153 cs, Cape Horn, Papeete; (Lise) 3,297 bbls, Freemantle-Adelaide/Melbourne; 500 dms, Freemantle
POWER—16,442 bbls, Lise, Freemantle-Adelaide/Melbourne
LACQUER—1 cs, Santa Elena, La Libertad; (President Coolidge) 4 cs, Manila; 1 pkg, Yokohama
LEAD CARBONATE—14 bbls, President Coolidge, Manila
RED—140 kgs, President Coolidge, Manila
RED DRY—10 dms, President Taft, Manila; 175 kgs, Silverguava, Java
WHITE—420 kgs, President Taft, Manila; 100 kgs, President Coolidge, Manila
LIME, HYDRATED—24 sks, Cape Horn, Papeete
LITHARGE—1 pl, Santa Elena, Cartagena
DRY—31 dms, President Taft, Manila
LITHOPONE—25 bbls, President Coolidge, Yokohama
LYE—4 cs, Cape Horn, Papeete; 4 cs, Santa Elena, Cartagena
MEDICINAL PREPS—1 cs, President Taft, Manila; 4 cs, Silverguava, Philippine Islands; 3 cs, President Coolidge, Shanghai
MILK POWDER—4 cs, Cape Horn, Papeete; 6 cs, Santa Elena, Cartagena
SUGAR—50 bbls, President Taft, Yokohama; 106 bbls, President Coolidge, Yokohama
NITROBENZENE—1 cs, Cape Horn, Papeete
OAK EXTRACT—523 sks, President Coolidge, Osaka
OIL—1 cs, Cape Horn, Papeete; 2 cs, President Coolidge, Manila
COCONUT—(Santa Elena) 5 dms, San Jose de Guatemala; 24 dms, Guayaquil
CODLIVER—45 dms, Nansenville, Bergen
COTTONSEED—(President Taft) 590 cs, Manila; 235 cs, Hongkong; 100 dms, Zamboanga; 100 dms, President Coolidge, Yokohama
CREOSOTE—27 cs, President Coolidge, Manila
CYLINDER—10 dms, Silverguava, Burma
DIESEL—1,625 dms, Cape Horn, Papeete
FISH—4 cs, Silverguava, Philippine Islands
FUEL—2 cs, Silverguava, Penang
LINSEED—13 kgs, 11 cs, Cape Horn, Papeete; 20 kgs, Silverguava, Philippine Islands
LUBRICATING—3 cs, 33 dms, Cape Horn, Papeete; (President Taft) 245 dms, Manila; 27 dms, Shanghai; (Santa Elena) 100 dms, Mazatlan; 22 dms, La Libertad; (Silverguava) 1,345 dms, 2,000 bbls, 50 cs, India; 135 dms, Burma; 173 dms, Singapore; 175 dms, Singapore-Port Swettenham-Penang; 680 dms, Straits Settlements; 455 dms, Port Swettenham; 18 dms, 5 cs, Java; 150 dms, Philippine Islands; 10 dms, Macassar; 225 dms, Sumatra; (Lise) 150 dms, Freemantle; 185 dms, Adelaide; (President Coolidge) 85 cs, 670 dms, Manila; 200 dms, Shanghai; 530 cs, Yokohama; 75 dms, 1 cs, Hongkong; 971 cs, 70 dms, Kobe
MACHINE—1 cs, President Coolidge, Manila
NEATSFOOT—3 cs, President Coolidge, Manila
PUMP—4 dms, President Coolidge, Kobe
SALAD—320 dms, President Taft, Yokohama
OXYGEN—8 cyls, Cape Horn, Papeete
PAINT—1 dm, 2 kgs, 57 cs, Cape Horn, Papeete; (President Taft) 2 cs, Tientsin; 4 kgs, 5 dms, Yokohama; 143 cs, 268 kgs, Manila; 80 cs, Santa Elena; Curacao; (Silverguava) 521 cs, 363 pls, 22 dms, India; 60 kgs, Philippine Islands; 4 kgs, Centrum; 360 kgs, 53 cs, 5 dms, President Coolidge, Manila
ALUMINUM—29 cs, President Coolidge, Manila
COPPER—1 cs, Cape Horn, Papeete
ENAMEL — 3 cs, Silverguava, Centrum; (President Coolidge) 9 cs, Manila; 25 kits, Yokohama
FILLER—25 pls, President Coolidge, Manila
LIQUID—783 cs, 40 pls, President Coolidge, Manila
PREPARED—13 cs, Cape Horn, Papeete; 75 cs, Santa Elena, San Jose de Guatemala; 118 cs, President Taft, Manila; 10 dms, President Coolidge, Manila
PASTE—21 kgs, President Taft, Otaru
REMOVER—11 cs, President Coolidge, Manila
PARIS GREEN—2 cs, President Taft, Manila
PEPPER—5 sks, Santa Elena, San Jose de Guatemala
PERFUMERY—1 cs, Silverguava, Philippine Islands; 1 cs, President Coolidge, Manila
PETROLEUM—200 dms, President Taft, Yokohama; (Silverguava) 15 cs, Straits Settlements; 15 cs, 100 dms, Philippine Islands; (President Coolidge) 1,180 dms, Kobe; 450 dms, Yokohama
GAS, LIQ—2 cyls, Cape Horn, Papeete
PRODUCTS—1 cs, Silverguava, Java
PIGMENTS, CHEMICAL—2 cs, Cape Horn, Papeete
POLISH—1 cs, Cape Horn, Papeete
FURNITURE—(President Taft) 9 cs, Manila; 4 cs, Pasay; 1 cs, Silverguava, Philippine Islands; 4 cs, President Coolidge, Manila
METAL—4 cs, Cape Horn, Papeete; 56 cs, President Taft, Manila; (Silverguava) 17 cs, Philippine Islands; 2 cs, India
SHOE—(President Taft) 48 cs, Manila; 4 cs, Pasay; 75 cs, Silverguava, Philippine Islands; 20 crts, President Coolidge, Manila
SILVER — 1 cs, Silverguava, Philippine Islands
STOVE—1 cs, President Taft, Manila; 1 cs, Silverguava, Philippine Islands
WOOD—7 cs, Silverguava, Philippine Islands
POTASH ETHYL XANTHATE—8 dms, President Coolidge, Chinnampo
PUTTY—2 cs, Cape Horn, Papeete
QUICKSILVER—1 flask, Santa Elena, Guatemala City
ROSIN—1 bbl, Cape Horn, Papeete; 1 bbl, Silverguava, Philippine Islands
SALT—239 sks, 16 bls, Cape Horn, Papeete; 80 sks, President Coolidge, Manila
ROCK—10 tons, President Coolidge, Manila
SCOURING POWDER—3 cs, President Taft, Hongkong
SHELLAC—22 cs, President Coolidge, Manila
SOAP—1 cs, Cape Horn, Papeete; (President Taft) 1 cs, Tokyo; 3 cs, Yokohama; 5 cs, Pasay; 2 cs, Silverguava, Philippine Islands
FLAKE—10 cs, President Taft, Manila; 8 cs, President Coolidge, Hongkong
LAUNDRY—(President Taft) 3 cs, Hongkong; 3 cs, Manila; 2 cs, Shanghai; 3 cs, Silverguava, Philippine Islands; (President Coolidge) 15 cs, Shanghai; 3 cs, Hongkong
LIQUID—1 dm, President Coolidge, Manila
POWDER — 6 cs, Silverguava, Philippine Islands; 1 cs, Cape Horn, Papeete; 5 cs, President Coolidge, Shanghai; (President Taft) 1 cs, Hongkong; 6 cs, Manila; 1 cs, Yokohama; 13 cs, Shanghai
SCOURING—2 cs, Cape Horn, Papeete; 2 cs, President Taft, Pasay
TOILET—2 cs, Cape Horn, Papeete; (President Taft) 826 cs, Manila; 2 cs, Yokohama
VETERINARY — 2 cs, President Coolidge, Manila
SODA—(President Taft) 53 bbls, Shanghai; 25 cs, Hongkong; 1 bbl, Manila; 10 cs, Bangkok; (President Coolidge) 2 cs, Shanghai; 25 cs, Hongkong; 25 cs, Dairen
ASH—(Santa Elena) 1 dm, Cartagena; 40 sks, Mazatlan
BICARBONATE—2 cs, 12 sks, Cape Horn, Papeete; 16 cs, Silverguava, Philippine Islands; 5 cs, President Coolidge, Manila
CAUSTIC—20 dms, Cape Horn, Papeete
FLUORIDE — 11 bbls, President Coolidge, Manila
SAL—12 sks, Cape Horn, Papeete
SILICATE—15 dms, President Taft, Manila
SOLDER FLUX—1 cs, Santa Elena, Mazatlan
SOLVENT—(Silverguava) 3 cs, India; 1 cs, Singapore; 1 cs, Straits Settlements
BATHROOM—10 cs, Silverguava, Philippine Islands
DRAIN PIPE—10 cs, President Taft, Manila; 5 cs, Silverguava, Philippine Islands
PAINT—(Silverguava) 40 cs, 25 dms, 150 pls, Burma; 20 bbls, Straits Settlements
SPIRITS—151 cs, Nansenville, Norway
SULPHUR—40 bbls, President Taft, Manila; 20 sks, President Coolidge, Manila
DIOXIDE, GAS—1 cyl, President Coolidge, Tientsin
FLOWERS—10 sks, Santa Elena, Guatemala City
REED—60 sks, 20 bbls, Silverguava, Philippine Islands
165 sks, Silverguava, Java
TALLOW, INED—100 dms, Santa Elena, San Jose de Guatemala
TANBARK, GRD—879 sks, President Taft, Osaka
SHREDDED—767 sks, President Taft, Osaka
TANNING MATERIAL—1 cs, Santa Elena, Mazatlan; 1 cs, President Coolidge, Hongkong
TIN DROSS—190 bbls, Tosca, England
TOILET PREPS—(President Taft) 4 cs, Yokohama; 4 cs, Manila; 5 cs, Shanghai; 1 cs, Hongkong; 160 cs, Silverguava, Philippine Islands; (President Coolidge) 7 cs, Yokohama; 9 cs, Tokio; 14 cs, Bangkok; 600 cs, Manila; 42 cs, Hongkong
TURPENTINE—5 cs, Silverguava, Philippine Islands; 4 cs, Cape Horn, Papeete
DISTILLED—50 cs, President Taft, Manila
GUM—2 dms, Silverguava, Philippine Islands
VARNISH—1 cs, Cape Horn, Papeete; 4 kgs, President Taft, Yokohama; 5 dms, 48 cs, President Coolidge, Manila
STAIN—39 cs, President Coolidge, Manila
WATER, MINERAL—300 cs, President Coolidge, Manila
WAX—84 sks, President Coolidge, Osaka; 2 cs, President Taft, Manila
FLOOR—1 cs, President Taft, Pasay; 1 cs, President Coolidge, Shanghai
LIQUID—1 cs, Silverguava, Penang
WEED KILLER—10 dms, President Coolidge, Manila
WELDING COMP—2 pkgs, Cape Horn, Papeete
ZINC ASHES—78 dms, President Taft, Osaka
DUST—(Santa Elena) 266 cs, Mazatlan; 40 cs, Pisco
OXIDE—2 kgs, Santa Elena, Guatemala City

Savannah Exports

Clearance Date

Algic, April 7

ROSIN GUM—(Algic) 350 bbls, 200 dms, Rio Janeiro; 10 dms, Santos
TURPENTINE GUM—(Algic) 400 cs, Montevideo; 105 dms, 350 cs, Buenos Aires

Tampa Exports

Clearance Dates

Angrer, April 2; Cuba, April 27; Flora, April 2; Laguna, April 3; Margaret Lykes, April 5; Shiraha, April 4; Tatsuno, April 2; Ulva, April 4

GASOLINE—9 dms, Angrer, Belize; 1 dm, Laguna, Belize
PAINT—5 dms, Cuba, Havana
PHOSPHATE—2,692 tons, Tatsuno, Yokohama; 3,087 tons, Flora, Gaddviken; 7,701 tons, Shiraha, Yokohama
SALT—14 bgs, Angrer, Belize
SOAP—24 cs, Angrer, Belize
SUPERPHOSPHATE—1,010 tons, Ulva, Matanzas

Coastwise Shipments

Corpus Christi Coast Trade

OIL, FUEL—3,725 bbls, Cities Service Missouri, New York; 3,502 bbls, Halsey, New York; 34,044 bbls, Chiloil, Cartaret, N J
PETROLEUM, CRUDE — 44,581 bbls, Dannedaike, Texas City; 74,574 bbls, Cities Service Missouri, New York; 20,975 bbls, Halsey, New York; 147,755 bbls, John D Archbold, Baytown; 147,483 bbls, Wm Rockefeller, Baytown; 86,807 bbls, Dixie Arrow, Providence; 108,881 bbls, F Q Barstow, Baytown; 20,106 bbls, Chiloil, Carteret, N J

Los Angeles Coast Trade

GASOLINE—40,968 bbls, Mojave, San Francisco-Oakland; 23,449 bbls, Edwin B de Goilo, San Francisco; 12,488 bbls, La Purisima, Astoria; 4,743 bbls, S & C No. 41, San Diego; 8,500 bbls, Hawaiian Standard, San Diego; 75,502 bbls, Deroche, Oleum; 67,606 bbls, Mojave, Portland
OIL, DIESEL—14,805 bbls, Mojave, San Francisco-Oakland; 6,691 bbls, La Purisima, Astoria; 5,094 bbls, S & C No 2, San Diego; 6,159 bbls, Argon, Seattle; 7,181 bbls, Mojave, Portland
FUEL—52,835 bbls, Torres, San Francisco; 38,000 bbls, S C Barge 95, Richmond; 28,276 bbls, La Purisima, Astoria; 7,531 bbls, James Griffith, Seattle; 47,985 bbls, Kamawha, San Diego; 5,825 bbls, Deroche, Oleum; 62,161 bbls, Argon, Seattle; 9,020 bbls, Mojave, Portland

San Francisco Coast Trade

ACID—200 pkgs, Brookings, Portland, Ore
400 crbys, West Shipper, Portland, Ore
AMMONIA AQUA—14 tons, Carrisc, Seattle
APRICOT KERNELS—29 tons, Nevadan, New York
22 tons, California, New York
BLUESTONE—42 tons, Carriso, Seattle
42 tons, Carriso, Tacoma
BONE, GROUND—500 sks, Point San Pedro, Tacoma
MEAL—600 sks, Brookings, Portland, Ore
BONES—20 tons, Nevadan, Norfolk
BRISTLES—46 cs, California, New York
CARBON DIOXIDE GAS—265 cyls, Panaman, Seattle
CASEIN—18 tons, Nevadan, Boston
SPREADER—19 tons, Nevadan, Port Newark
CEMENT, COPPER—14 tons, Carrison, Tacoma
FLOOR COVERING—5 tons, F J Luckenbach, New York
LIQUID—90 dms, Point San Pedro, Seattle
CHEMICALS, PAINT—1 dm, Panaman, Tacoma
CHLORINE BLEACH, LIQUID—750 cs, Point San Pedro, Seattle
192 tons, San Simeon, Baltimore
4,000 cs, Nevadan, New York
4,000 cs, Nevadan, Port Newark
6,000 cs, Nevadan, Philadelphia
132 tons, F J Luckenbach, New York
77 tons, F J Luckenbach, Philadelphia
CLAY—27 tons, Nevadan, New York
COCONUT, DESIC—30 cs, F J Luckenbach, Boston
80 cs, F J Luckenbach, Philadelphia
18 tons, California, New York
COLOR, EARTH—20 tons, Nevadan, New York
COPPERAS—22 tons, Carriso, Seattle
CREAM TARTAR—11 tons, Nevadan, Philadelphia
DENTIFRICE—13 tons, Nevadan, New York
DROSS, METAL—9 tons, Nevadan, Philadelphia
EARTH, DRY—600 sks, West Shipper, Portland, Ore
ETHYLENE DIBROMIDE—41 tons, Nevadan, Philadelphia
GASOLINE, ETHYL—3,500 bbls, Alaska Standard, Point Wells
GLUE—26 tons, F J Luckenbach, Boston
27 tons, F J Luckenbach, New York
GUM COPAL—168 sks, California, New York
GAURI—56 cs, California, New York
HONEY—10 tons, Nevadan, Norfolk
15 tons, Nevadan, New York
INFUSORIAL EARTH—650 sks, Point San Pedro, Seattle
LARD SUBSTITUTE—72 tons, Paul Luckenbach, Seattle
LEAD—18 tons, San Simeon, Albany
89 tons, Nevadan, Port Newark
ARSENATE — 1,575 cs, Point San Pedro, Seattle
LIME—1,200 sks, Point San Pedro, Seattle
1,200 sks, West Shipper, Portland, Ore
LINSEED MEAL—500 sks, Brookings, Portland, Ore
520 sks, West Shipper, Portland, Ore
LITHARGE—18 tons, San Simeon, Albany
LITHO—200 sks, Panaman, Seattle
MAGNESITE—246 tons, Navadan, Philadelphia
49 tons, F J Luckenbach, New York
49 tons, F J Luckenbach, Philadelphia
400 sks, Point San Pedro, Seattle
MAGNESIA CARBONATE — 14 tons, Sage Brush, Philadelphia
HYDROXIDE—14 tons, Sage Brush, Philadelphia
MANURE—29 tons, Nevadan, New York
18 tons, Nevadan, Philadelphia
45 tons, Nevadan, Boston
MATCHES—12 tons, Carriso, Seattle
MILK POWDER—16 tons, San Simeon, Baltimore
50 tons, Nevadan, Philadelphia
32 tons, F J Luckenbach, New York
29 tons, California, New York
300 sks, West Shipper, Portland, Ore
MINERALS — 400 sks, Brookings, Portland, Ore
400 sks, West Shipper, Portland, Ore
OIL, CORE—13 tons, California, New York
LUBRICATING—75 dms, Wapama, Los Angeles
75 dms, Point San Pedro, Seattle
16 tons, California, New York
OLIVE—99 dms, Nevadan, Boston
RAPESEED—350 dms, California, New York
TEASEED—50 dms, California, New York
PAINT—21 tons, Wapama, Los Angeles
18 tons, Sage Brush, New York
EARTH—340 sks, Brookings, Portland, Ore
POTASSIUM—67 tons, Nevadan, New York
ROSIN—145 pkgs, Brookings, Portland, Ore
16 tons, California, New York
SALT—325 tons, Carriso, Seattle
1,676 tons, Carriso, Tacoma
463 tons, Texada, Seattle
3,000 pkgs, Point San Pedro, Seattle
2,000 pkgs, Point San Pedro, Tacoma
4,000 pkgs, Brookings, Portland, Ore
4,000 pkgs, West Shipper, Portland, Ore
165 tons, Golden Star, Portland, Ore
SAND—600 sks, West Shipper, Portland, Ore
SOAP—15 tons, Carriso, Tacoma
39 tons, Texada, Seattle
22 tons, Wapama, Los Angeles
1,600 pkgs, Point San Pedro, Seattle
7,400 cs, Point San Pedro, Bremerton
22 tons, San Simeon, Philadelphia
27 tons, F J Luckenbach, Boston

SODA CHLORATE—499 dms, West Shipper, Portland, Ore
SODIUM—29 tons, Nevadan, New York
SOLVENT, STODDARD—1,600 bbls, Alaska Standard, Point Wells
SPRAY, TREE—6,000 pkgs, Point San Pedro, Seattle
SULPHIDE—200 sks, Panama, Seattle
SULPHUR—18 tons, Texada, Seattle
SUNFLOWER SEED—16 tons, F L Luckenbach, Boston
25 tons, F J Luckenbach, New York
TALLOW—60 tons, Sage Brush, Boston
53 tons, San Simeon, Philadelphia
32 tons, F J Luckenbach, New York
28 tons, California, New York
WASHING COMP—1 sk, Panaman, Seattle
WAX—30 bls, West Shipper, Portland, Ore

Cargo Ship Arrivals

April 10 to April 23

New York

Agwistar	Vera Cruz*	Apr 16
Alberta	Sete*	Apr 18
Amapula	La Ceiba	Apr 16
American Banker	London*	Apr 14
American Trader	London	Apr 19
American Traveler	Liverpool*	Apr 19
Arizonan	Tacoma*	Apr 22
Augsburg	Whyalla*	Apr 23
Basil	Para	Apr 20
Biela	Santos*	Apr 20
Bilderdijk	Rotterdam*	Apr 16
Black Condor	Rotterdam*	Apr 17
Black Eagle	Rotterdam*	Apr 12
Black Tern	Rotterdam*	Apr 17
Borinquen	Trujillo*	Apr 12
Bremen	Bremen*	Apr 16
Bronxville	Genoa*	Apr 23
Buenaventura	Port au Prince*	Apr 19
Calamares	Santa Marta*	Apr 15
California	San Francisco*	Apr 12
Cape Corso	Necochea*	Apr 10
Carabobo	Curacao*	Apr 15
Charles Christenson	Aberdeen*	Apr 14
Chincha	Dar Es Salaam*	Apr 13
City of Hankow	Calcutta*	Apr 21
City of Rayville	Calcutta*	Apr 16
Coamo	Trujillo*	Apr 19
Colombia	Cristobal*	Apr 19
Columbian	Astoria*	Apr 20
Conti di Savoia	Genoa*	Apr 22
Corozal	Jabos	Apr 10
Cristobal	Cristobal*	Apr 12
Curacao	Valparaiso*	Apr 17
Djambi	Macassar*	Apr 20
Edam	Rotterdam	Apr 22
Edward Luckenbach	Seattle*	Apr 14
Edwin Christenson	Astoria	Apr 21
Everanna	Genoa*	Apr 15
Examiner	Oran*	Apr 15
Excello	Genoa*	Apr 10
Exmouth	Piraeus*	Apr 19
Exochorda	Beirut*	Apr 15
Express	Piraeus*	Apr 13
F J Luckenbach	Astoria*	Apr 15
Fernlane	Philippines*	Apr 12
Flora	Maracaibo*	Apr 19
Fort Amherst	St Pierre*	Apr 15
Fort Townshend	St Pierre*	Apr 22
Gen'l M H Sherman	Honolulu*	Apr 12
Glaucus	Hongkong*	Apr 14
Grays Harbor	Honolulu	Apr 22
Hammaren	Gothenburg*	Apr 14
Hansa	Hamburg*	Apr 17
Harmonides	Greenock*	Apr 19
Henri Jaspar	Antwerp	Apr 10
Hoegh Transporter	Trieste*	Apr 22
Ile de France	Havre*	Apr 20
Ilsenstein	Antwerp*	Apr 22
Independence Hall	Bordeaux	Apr 20
Isthmian	San Francisco*	Apr 14
Kansan	San Francisco*	Apr 21
Kelso	Aberdeen	Apr 11
Komaki	Manila*	Apr 14
Konigstein	Antwerp	Apr 11
Kwanto	Manila*	Apr 11
Laomedon	Freetown*	Apr 13
Lara	Curacao*	Apr 22
Lensovet	Odessa*	Apr 19
Luksefjell	Rotterdam	Apr 21
Maidan	Calcutta*	Apr 22
Malaya	Yokohama*	Apr 14
Manhattan	Hamburg*	Apr 15
Manuela	San Juan	Apr 18
Maria	Trieste	Apr 23
Marna	Tocopilla*	Apr 13
McKeesport	Glasgow*	Apr 19
Medea	Maracaibo*	Apr 12
Memphis City	Honolulu	Apr 21
Mercier	Antwerp	Apr 22
Minnequa	Gothenburg*	Apr 21
Munargo	Havana*	Apr 15
Musa	Puerto Barrios*	Apr 15
Nailsea	Algiers*	Apr 12
Nerissa	Trinidad*	Apr 19
Nevadan	San Francisco*	Apr 18
Niel Maersk	Manila*	Apr 14
Nojima	Hongkong*	Apr 23
Oklahoman	Bellingham*	Apr 18
Olympia	Seville*	Apr 17
Oranje Nassau	Curacao*	Apr 12
Oriente	Havana	Apr 18
Orizaba	Vera Cruz*	Apr 18
Padnsay	Freetown*	Apr 13
Pastores	Cristobal*	Apr 12
Peten	Port Limon*	Apr 18
Platano	Puerto Barrios*	Apr 22
Ponce	San Juan	Apr 13
President Hayes	Manila*	Apr 22
President Wilson	Manila*	Apr 19
Queen Mary	Southampton*	Apr 19
Quirigua	Port Limon*	Apr 11
Rena	Buenos Aires	Apr 18
Robin Adair	Port Natal*	Apr 10
Roma	Naples*	Apr 18
Rosario	San Juan	Apr 12
St Mihiel	San Francisco*	Apr 21
Sage Brush	Seattle*	Apr 19
Sandown Castle	Capetown*	Apr 14
San Jacinto	San Juan	Apr 20
San Lucas	Portland*	Apr 18
San Simeon	Seattle*	Apr 20
Santa Barbara	Valparaiso*	Apr 20
Santa Rita	Valparaiso*	Apr 13
Santa Rosa	San Francisco*	Apr 20
Sardinian Prince	Glasgow*	Apr 10
Scanyork	Gothenburg*	Apr 23
Scythia	Liverpool*	Apr 20
Southern Prince	Buenos Aires*	Apr 14
Stavangerfjord	Oslo*	Apr 16
Tabian	Macassar*	Apr 19
Tacoma	Buenos Aires*	Apr 16
Taigen	Iloilo*	Apr 13
Tana	Buenos Aires*	Apr 20
Timber Rush	Astoria*	Apr 15
Tweedbank	Shanghai*	Apr 20
Ulua	Santa Marta*	Apr 22
Ume	Yokohama*	Apr 16
Vaga	Lisbon	Apr 22
West Ira	Seattle*	Apr 20
West Kebar	Port Bouet*	Apr 21
Western World	Buenos Aires*	Apr 21
Winnipeg	Havre	Apr 12
Yucatan	Vera Cruz*	Apr 11

* And other ports

Recent Charters

MANGANESE ORE—7,200 tons, S S Maria L, Poti to United States, 19s; April
PETROLEUM—12,500 tons, S S Pollux, time charter, three years, 5s 6d; September-October, 1938
9,000 tons, S S Maridal, clean, Northern States to South Africa, 42s 6d; May-June
6,500 tons, S S Vanduara, clean, Russian Black Sea to United Kingdom, Continent, 31s 6d; April
14,000 tons, S S Harold Brovig, dirty, California, Japan, 21s 9d; three-five trips, August 15-September 30
13,000 tons, S S Athel, dirty, United States Gulf, Buenos Aires, 37s 6d; July
14,000 tons, S S G C Brovig, dirty, California, Japan, 21s 9d; three-five trips, July 15-August 15
14,000 tons, S S Eleonora, gas oil and (or) kerosene distillate, San Pedro, 29s 6d; San Francisco, Curacao, 30s 6d; May
9,000 tons, S S Daghestan, dirty, Aruba, Curacao, United Kingdom, Continent, 27s 6d; three trips, May
3,500 tons, S S Thoroy, dirty, Tampico, Kallundborg, 46s
8,000 tons, S S Solna, dirty, Aruba, 15s; United States Gulf, West Coast Italy or B H Range, 17s 6d; voyages end 1938, commencing August, 1937
10,900 tons, S S Teresa, dirty, twelve months' time charter, 8s 3d; June
12,000 tons, S S Drafn, dirty, California, Japan, 30s; April-May
5,895 tons, S S Liev Erikson, dirty, California to Tocopilla, 80c; three trips, May

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended April 14

Belladonna root, 8 bales; deficient in alkaloids.
Cassia oil, 10 drums; not U.S.P.
Celery seed, 134 bags; filthy.
Codliver oil, 20 drums; non-destearinated and not so labeled.
Cod oil, technical, 952 drums; restricted use.
Coriander seed, 1,320 bags; filthy.
Cumin seed, 200 bags; filthy.
Ergot, 33 cases; excessive moisture.
Fertilizer mixture, cotton seed meal and castor seed meal, 278 bags; restricted use.
Kamala powder, 15 bags; deficient in ether soluble extractive.
Medicinal preparations, 22 cases; false therapeutic claims.
Stramonium leaves, 5 bales; deficient in alkaloids; excessive acid insoluble ash.
Valerian root, 40 bales; excessive acid insoluble ash.

Baltimore

Week Ended April 14

Medicinal preparation, 2 cases; restricted use.

Boston

Week Ended April 14

Mustard seed, 168 bags; filthy.

Buffalo

Week Ended April 14

Medicinal preparation, 1 package; false therapeutic claims.

Los Angeles

Week Ended April 8

Nutmegs, 50 bags; moldy.

San Francisco

Week Ended April 8

Medicinal preparations, 240 pieces; phenacetin incorrectly declared.

Seattle

Week Ended April 8

Nutmegs, 32 cases; decomposed; moldy.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Ammonia Sulphate, Potash Sulphate, and Superphosphates:—Purchase, Athens, Greece (2891).

Black Pigments for Nitrocellulose Lacquers:—Purchase, Warsaw, Poland (2892).

Botanicals and Crude Drugs:—Purchase, Lessines, Belgium (2926).

Brushes, and Drug Store Sundries:—Purchase and agency, Cairo, Egypt (2890).

Cosmetics, Toilet Preparations, Perfumes, Proprietaries:—Purchase and agency, Cairo, Egypt (2890).

Dyestuffs:—Agency, Cairo, Egypt (2971).

Foods, Prepared, for Infants and Invalids:—Purchase and agency, Cairo, Egypt (2890).

Insecticides:—Purchase and agency, Cairo, Egypt (2890).

Linseed Oil:—Purchase, Barranquilla, Colombia (2889).

Linseed Oil:—Purchase, Medellin, Colombia (2907).

Mineral Spirits:—Purchase, Barranquilla, Colombia (2889).

Oils, Drying:—Purchase, Barranquilla, Colombia (2889).

Pharmaceutical Specialties:—Agency, Lourenco Marques, Portuguese East Africa (2912).

Pigments, Inert, or Filling Materials for Paint Manufacture:—Agency, Johannesburg, South Africa (2927).

Resinous Plastic in small blocks:—Purchase, Fougeres, France (2944).

Surgical and Hospital Rubber Supplies:—Agency, Lourenco Marques, Portuguese East Africa (2912).

Tinting Materials:—Purchase, Medellin, Colombia (2907).

Toilet Preparations:—Agency, Trinidad, British West Indies (2986).

Toilet Soaps:—Agency, Trinidad, British West Indies (2896).

Turpentine, Rosin, Tung Oil, Metallic Oxides:—Purchase, Medellin, Colombia (2907).

Fertilizer Materials

Markets at Other Centers

(Continued from page 54)

San Francisco, Apr. 14.—The recent advance of $2 per ton in the Pacific Coast sulphate of ammonia schedule, on shipments to the end of June and the uncertainty prevailing beyond that period, has practically killed all present interest in that commodity. Some factors were last week casting an eye towards the imported product and the possible offerings of foreign manufacturers, but so far as could be learned, no actual sales developed last week. The trade wants most of all to know what the domestic producers are going to do beyond June and whether or not the prices are going to be changed. Most phases of the fertilizer market were dull last week and the situation generally changed but little. The Spring spreading season is still active, but it appears as though most of the materials for use right away have already been contracted for.

Ruling prices were:—

NITRATE OF SODA.—100-pound bags, $28 per ton; 200-pound bags, $27.30 per ton; bulk lots, $26 per ton, all ex vessel San Francisco-Oakland.

SULPHATE OF AMMONIA.—Quoted at $29.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles harbor and $30.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $31.50 per ton. Prices good for delivery to end of June.

AMMONIA PHOSPHATE.—Quoted at $39 per ton, single bags; $39.50 per ton, paper-lined bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P. A. Inland points, delivered, $1 per ton extra.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 85c. to 90c. per unit. Foreign material, 75c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEALS.—California sardine meal quoted at $52.50 per ton, prompt shipment, f.o.b. cars, Monterey-San Francisco. Japanese sardine meal is quoted on the basis of $40 per ton, fertilizer grade, with machine made at $43. Canadian pilchard meal quoted nominally at $53.50 per ton, July shipment from Canada, ex dock, San Francisco-Los Angeles.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, quoted at $3.65 and 10c. per unit-ton, f.o.b. cars, San Francisco and Los Angeles, nominally. Dry rendered, ground, quoted at 92½c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 87½c. per unit.

BONE MEAL.—Domestic bone meal, steamed, quoted, according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD.—Domestic quoted at $3.55 per unit, nominally, f.o.b. cars, San Francisco and Los Angeles.

'Hot Oil' Ban May Be Spread

WASHINGTON, Apr. 12, 1937.

Harold L. Ickes, Secretary of the Interior, revealed today that there is a possibility of creating a new Federal tender board to control the "hot oil" traffic around the Corpus Christi, Texas, region. The secretary further said that he has an agent investigating the situation in Corpus Christi at the present time.

Federal tender boards were created under authority of the Connally "hot oil" law to give a "clean bill of health" to oil shipped in interstate commerce.

Oil Control Advocated in Pa.

The Pennsylvania legislature has authorized an investigation of the petroleum industry in the State, pursuant to a recommendation of Governor George H. Earle, with a view of determining whether the industry should be subjected to State regulation under the public utility commission.

Food coloring or other treatment concealing inferiority is prohibited by a bill (S.P. 1162) that has been passed by the New York senate.

Obituaries

Charles J. C. Davol

Charles Joseph C. Davol, president and treasurer of the Davol Rubber Company, Providence, R. I., died in the Post-Graduate hospital, this city, April 11, after an illness of three weeks. He was sixty-nine years old. Born in Brooklyn, Mr. Davol became associated early with his father, Joseph Davol, who in 1870 established the rubber company which is now one of the world's largest manufacturers of its specialized lines. Mr. Davol, the son, assumed the presidency of the company in 1909. Surviving are his wife, Mrs. Lillian Baldwin Davol, and a nephew, Walter L. Davol, assistant managing executive of the Davol plant.

Charles Herman Haupt

Charles Herman Haupt, petroleum industrial engineer, and for many years connected with the Standard Oil Company of New Jersey, died in his home in Elizabeth, N. J., April 10, after an illness of five months. He was sixty-seven years old. Mr. Haupt started his career in Philadelphia as a railroad engineer. Later he was associated with the Atlantic Refining Company of Philadelphia, and when that company was merged with the Standard Oil Company of New Jersey, he joined the latter corporation. He went to Elizabeth in 1907 to supervise the construction of the Bayway refinery and was made chief engineer of the Standard Oil Company in 1913. He retired in 1933. Surviving are his wife, Mrs. Florence Harkness Haupt; a daughter, Mrs. Marjorie H. Apthorp, and two sons, Charles H. Haupt and Norris W. H. Haupt.

Dr. Allan F. Odell

Dr. Allan Fulson Odell, chemical director of the E. I. du Pont de Nemours & Co. plant at Arlington, N. J., died in his home in Essex Fells, N. J., April 10. He was fifty-one years old. Dr. Odell had been identified with the du Pont interests for twenty years, the last seven years being in the plastics department. His department at the Arlington branch took a part in the development about five years ago of lucite, a new transparent resin, and in the production of a continuous process of making the plastic part of shatterproof glass. Born in Columbia, Tenn., Dr. Odell was a graduate of the Vanderbilt University and became a research chemist for Charles Pfizer & Co. Before his association with the du Pont company he was the inventor of a synthetic process of making tartaric acid. He was a member of the American Chemical Society, heading its New Jersey section at one time; the American Institute of Chemists, and other scientific bodies. Surviving are his wife, Mrs. Myrtle Kelly Odell; two sons, Dr. D. Douglass Odell, and Allan F. Odell; two daughters, Clara Louise, and Peggy; a brother and a sister.

Dr. Leroy W. McCay

Dr. Leroy Wiley McCay, emeritus professor of chemistry at Princeton University and former chairman of the chemistry department, died in his home in Princeton April 13, after a long illness. He was seventy-nine years old.

Dr. McCay was born in Rome, Ga.; was graduated from Princeton in 1877; studied at the Freiburg School of Mines and the University of Heidelberg; received his M.A. degree from Princeton in 1881 and D.S. in 1883. He joined the Princeton faculty in 1883 and was promoted to professor in 1892. Although he retired in 1928, after completing forty-five years of teaching and research at Princeton, Dr. McCay continued his studies until failing health forced him to abandon them. He was noted chiefly for his researches in cobalt, nickel, iron pyrites, arsenic and its compounds, the separation of the metals in the tin group, and the use of hydrofluoric acid in ordinary and electrochemical analysis. Dr. McCay was unmarried. Surviving are two sisters, Mrs. William Carson, San Diego, Cal., and Mrs. Helen Deering, Savannah, Ga.

George Alexander, formerly assistant secretary of the old Nairn Linoleum Company, Kearny, N. J., died of a heart attack in his home in that city April 13. He was seventy-two years old.

Edwin S. Gleason, general manager of the Nixon Nitration Works, New Brunswick, N. J., during the World War, a lawyer, and an officer of the Internal Revenue Bureau, died in the home of his sister, Mrs. William Heuer, in Westerleigh, S. I., April 13. He was sixty-one years old. Surviving are his wife, Mrs. Mary Kelly Gleason; a son, Edwin S. Gleason, and two sisters, Mrs. Heuer, and Mrs. James Kenny.

Mrs. Alice Whitney Hutchison, for forty-two years secretary to the late George Eastman and assistant secretary of the Eastman Kodak Company until her retirement in 1934, died in her home in Rochester, N. Y., April 13. She was the wife of Charles F. Hutchison, general superintendent of film and plate emulsions at Kodak Park, who survives.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

FIRM WITH headquarters in Cincinnati and covering Louisville, Dayton and Columbus would be interested in representing producers of pigments, oils, chemicals or other raw materials. BOX 137, Oil, Paint and Drug Reporter.

YOUNG and energetic sales company, acting as direct representatives and selling on commission basis to the paint and rubber manufacturers in Michigan, Ohio and Kentucky, desires additional and non-conflicting lines. It requests the opportunity of discussing its organization with interested producers. Has intimate contact with trade. Travels four men. Enviable sales record over past three years. High business integrity and credit rating. Correspondence confidential. BOX 131, Oil, Paint and Drug Reporter.

SPECIALTY LINES Wanted! Established distributor wants additional lines, products and specialties to sell to industrial trade, etc. Write American Lubricants Co., 1317 South Seventh street, Milwaukee, Wis.

SELLING AGENT covering metropolitan New York contacting chemical and paint jobbing trade interested in representing producers of raw materials, oils, chemicals or allied line. BOX 158, Oil, Paint and Drug Reporter.

Capital Offered

CAPITAL and ability available. Chemical engineer, 31, with successful business and technical record, will buy into or buy out small, sound, chemical concern. Details first letter. Replies held in confidence. BOX 116, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 124, Oil, Paint and Drug Reporter.

PEBBLE MILLS, 10-30-50-75 gallons; jar mills, 1-2-4 jars 8 and 15 gallon; pony mixers; copper stills and kettles. Edw. W. Lawler, Inc., Durham avenue and L.V.R.R., Metuchen, N. J.

FROM the $10,000,000 Spreckels liquidation. —Three No. 4 Vallez rotary filters; 42-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 500 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; large assortment laboratory equipment and library; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant, Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

Equipment Offered

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street. SPring 7-8955.

GUARANTEED EQUIPMENT—Jar, pebble and ball mills; pony mixers, iron mills; Buhrstone mills, lead and paste mixers; roller mills; pulverizers; filter presses; dryers, glass lined kettles and tanks; vacuum stills; kettles; mixers; pumps. Specialists in hydraulic equipment for the plastic industries. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

FOR SALE—16 by 40-inch roller mill, pony mixer, copper and steel jacketed kettles, revolvator, new liquid thinning mixers. Small lead mixers. Send for catalog. Russell paint knives. Storms-Harvey Equipment Co., 123 Bleecker street, New York City.

CRUSHERS AND PULVERIZERS: Raymond roller mill—high side; Raymond roller mill—low side; Raymond 0000 pulverizers; Schutz-O'Neill 16-inch to 28-inch mills; Bartlett-Snow hammer mill; Williams hammer mill. First Machinery Corp., 419 Lafayette street, New York, N. Y. GRamercy 7-6622.

MILLS:—Ross 3-roll 12-inch by 32-inch water cooled, with motor; Kent 3-roll, 12-inch by 30-inch, water cooled, belt driven; Patterson 48-inch chaser mill, steel muller; Patterson 48-inch by 60-inch pebble mill, silex lined; Patterson 36-inch by 48-inch pebble mill, porcelain lined; Patterson 36-inch by 48-inch pebble mill, sides lined only. First Machinery Corp., 419 Lafayette street, New York, N. Y., GRamercy 7-6622.

MIXERS (these are at Monmouth Junction):—2—5 feet, 6 inches by 6 feet vertical paint mixers; 4—5 feet, 6 inches by 4 feet, 6 inches vertical paint mixers; 3—Day 3 feet by 5 feet vertical paint mixers; 1—Day Jumbo horizontal mixer; 1—Day jacketed horizontal mixer, 2,000-lb. capacity; 1—plain horizontal mixer, 2,000-lb. capacity. First Machinery Corp., 419 Lafayette street, New York, N. Y., GRamercy 7-6622.

Equipment Wanted

WE WANT 10,000 steel drums—any size and condition. Write us quantity and previous contents. American Products Co., Ft. Worth, Tex.

Factories Offered

BRICK FACTORY, one story, 50x125, concrete floor, 20-foot headroom, no columns, live steam available 24 hours a day, railroad siding yard. Unrestricted district, 15 minutes to Manhattan. Low rent. The R. L. Kraft Company, Woolworth Building, COrt. 7-9377.

Materials Offered

FOR SALE: Diglyco oleate, excess stock, in original drums. Will quote delivered price or will give your offers for your requirements consideration. Florida Citrus Research Laboratory, Dunedin, Florida.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 125, Oil, Paint and Drug Reporter.

Positions Vacant

SALESMEN.—Experienced—essential oils, extracts, flavors, colors—following amongst bakers, ice cream, bottlers, candy, cigar manufacturers, car essential. Travel for old established concern. State former employers, locality of where majority of your trade lies. Excellent opportunity. BOX 145, Oil Paint and Drug Reporter.

SALESMEN WANTED: Reputable New York chemical concern specializing to the graphic arts and photographic trades contemplates opening a Boston branch and will require two salesmen having actual selling experience to these classes of industry. Answer in full detail, and please do not apply unless you have the above required qualification. Give full information including age, experience, salary, etc., in first letter, which will be held in strict confidence. BOX 153, Oil, Paint and Drug Reporter.

SHIPPING and stock record clerk in New York City office of old established chemical jobber. Write fully stating age, experience and salary expected. Replies treated confidentially. BOX 154, Oil, Paint and Drug Reporter.

Positions Wanted

PILL AND TABLET specialist, medicinal, practical and intelligent supervision, general manufacture of all pharmaceutical and private formula products; can furnish excellent references; desires a change; married. With Parke-Davis & Co. 14 years. BOX 133, Oil, Paint and Drug Reporter.

CHEMIST, 23, Chemical Engineering Degree, Cooper Union graduate, desires opportunity with progressive concern; preferably in paint, varnish or oil and drug field. Opportunity primary consideration. Meyer M. Hunger. LAckawanna 4-4881 or BOX 134, Oil, Paint and Drug Reporter.

EXPERIENCED PAINT man, trade sales, raw materials, practical manufacturing, large acquaintance, wishes opportunity, inside or outside. BOX 135, Oil, Paint and Drug Reporter.

ENAMEL, LACQUER and varnish formulator, tester and research worker. Eight years' exceptional experience. BOX 998, Oil, Paint and Drug Reporter.

SYNTHETIC RESIN specialist, chemist, Ph.D. degree, nationally known, outstanding experience and abilities, desires executive position with progressive concern. BOX 147, Oil, Paint and Drug Reporter.

TABLET MAKER and sugar coater, 16 years' experience, human and veterinary line, pills, effervescent tablets and salts, powders and sprays, five years' experience in cosmetics, full line, understand compounding, granulating, and machine operation and repairing. Best of reference. BOX 144, Oil, Paint and Drug Reporter.

POSITION WANTED with expeller processing plant. Experienced with the installation, operation, and maintenance of Anderson expellers. Familiar with all operation of soybean processing plant. BOX 146, Oil, Paint and Drug Reporter.

SALESMANAGER, drugs, chemicals, surgicals available for reliable manufacturer representation in the east, preferably Philadelphia or New York office. Salary or drawing account against commission, or profit-sharing arrangement, secondary to mutually desirable connection. "Surgical," 1715 W. Lehigh, Philadelphia.

CASH ACCOUNTANT with eleven years' experience in paint industry on cost estimations, manufacturing costs, and inventory control wishes connection with reputable firm. Formerly in charge of cash department, would prefer same or be assistant. BOX 148, Oil, Paint and Drug Reporter.

PRINTING INK and dry color expert desires position with reliable firm located anywhere within the U. S. A. or Canada. BOX 149, Oil, Paint and Drug Reporter.

SUPERINTENDENT.—Lacquer, paint and varnish. Able to assume complete responsibility, including research, experimental work and production. Thorough technical training and years of experience as plant executive. BOX 150, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST desires position. Long manufacturing experience. Skilled in formulating, biological and analytical assay. Experienced in production, research, development work and technical training. Executive ability. Excellent references. BOX 151, Oil, Paint and Drug Reporter.

GRADUATE CHEMIST with laboratory and plant experience wants position in textile or chemical field. BOX 152, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, has made edible oils and fatty acids; also analytical experience in radium extraction. BOX 155, Oil, Paint and Drug Reporter.

ANALYTICAL CHEMIST with practical experience in foods, rare metals and general inorganic work. BOX 156, Oil, Paint and Drug Reporter.

PHARMACEUTICAL CHEMIST, has manufactured ampules and analyzed pharmaceutical chemicals. BOX 157, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES.—Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 101A East 19th street, New York. STuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1,000 gals, some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ¼" to 2" dia.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—26" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
5—Day Pony Mixers. 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6" to 42" size.
3—Buffalo 32"x90" Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
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Ammonia:—Supplies of; Purchasing and Contracting Officer, Langley Field, Va.; procurement 481-41, opening April 20.

Brushes, Handnail:—40,000; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 76, opening April 22.

Brushes, Mucilage:—360 dozen; Purchasing Agent, Post Office Department, Washington; procurement 91, opening April 29.

Diesel Fuel Oil, Engine:—120,000 gallons; U. S. Engineer Office, Boston, Mass.; circular 166, opening April 23.

Floor Polish, Liquid:—3,500 1-gallon cans; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 76, opening April 22.

Floor Wax, Paste:—1,000 8-pound cans and 1,000 2-pound cans; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 76, opening April 22.

Fuel Oil:—5,800 barrels; U. S. Engineering Office, St. Paul, Minn.; circular 232, opening April 23.

Linseed Oil, Raw:—1,219 gallons; Quartermaster, Marine Corps, Washington; schedule 781, opening April 23.

Liquid Glue:—1,000 ¼-pint cans; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 76, opening April 22.

Lubricating Oil for Hot Running Torpedos:—Supplies of for eastern and western yards; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 330, opening April 27.

Mayonnaise:—Supplies of; Purchasing and Contracting Officer, Langley Field, Va.; procurement 481-41, opening April 20.

Metal Polish, Liquid:—3,200 pints; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-173, opening April 23.

Naphthalene:—20,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431,173, opening April 23.

Oil, Lubricating:—Supplies of for various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; Schedule 201, opening April 27.

Paint and Varnish Remover:—1,500 cans; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 76, opening April 22.

Paint, Olive Drab:—4,800 gallons; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-173, opening April 23.

Paint, White, Cement Water:—6,100 pounds; Constructing Quartermaster, Fort McClellan, Ala.; procurement 6119-57, opening April 21.

Paste, Target:—2,000 pounds; U. S. Coast Guard, Washington; opening April 19.

Soap, Chip:—20,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-174, opening April 26.

Soap, Laundry, Powdered:—8,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-174, opening April 26.

Soap, Saddle:—20,000 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-173; opening April 23.

Soap Scouring Compound:—85,000 containers; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 76, opening April 22.

Soda, Laundry:—29,800 pounds; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-173, opening April 26.

Spices:—Supplies of; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-218, opening April 21.

Sulphur:—1,418 tons for White Plains; Bureau of Supplies and Accounts, Navy Department, Washington; scheduie 472, opening April 27.

Toluene:—800 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 660, opening April 29.

White Lead:—5,000 pounds; Contracting Officer, Fort Benning, Ga., procurement 148-94, opening April 27.
2,000 pounds; U. S. Engineer Office, First District, New Orleans, La.; circular 264, opening April 20.

Petroleum Industry Electrical Association, at its annual meeting in Shreveport, La., elected the following officers:—President, P. F. Davis, Tulsa, Okla.; vice-president, E. M. Smith, Houston, Tex.; secretary-treasurer, H. E. Browne, Independence, Kans.

Index to Advertisements

Advance Solvents & Chemical Corp.... —
Alexander, Jerome..... 54
Ambassador, The..... —
American Agricultural Chemical Co... 36
American-British Chemical Supplies, Inc. ..... —
American Can Co..... —
American Chemical Products Co..... —
American Chlorophyll, Inc..... 38
American Cyanamid & Chemical Corp. 12, 13
American Flange & Mfg. Co..... 6
American Fluoride & Chemical Corp... 26
American Potash & Chemical Corp.... 45
American Seitz Filter Corp..... —
Anaconda ..... —
Anderson-Prichard Oil Corp..... 52
Ansbacher-Siegle Corp..... —
Apex Chemical Co., Inc..... 42
Atlantic Refining Co..... —

Baker, J. T., Chemical Co..... 40
Barium Reduction Corp..... 1
Barrett Company 28, 53
Belle Alkali Co..... 41
Benckiser, Joh. A..... 42
Benzol Products Co..... —
Binney & Smith Co..... 32
Bradley, A. J., Mfg. Co..... 36
Brode Corp., The..... 38
Bruecke, Albert .H..... 34
Bureau of Chemistry..... 54
Bush, W. J., & Co., Inc..... —

Calco Chemical Co., Inc..... 63
California Fruit Growers Exchange.... 42
Carbide & Carbon Chemicals Corp..... 2
Carey, The Philip, Co..... —
Carpinello, Michael J., Inc..... 54
Chemical Solvents, C. P., Inc..... 64
Chilean Nitrate Sales Corp..... 53
Church & Dwight Co..... 25
Cliffs-Dow Chemical Co..... 1
Colledge, E. W., General Sales Agent, Inc. ..... —
Colton, Arthur, Co..... 36
Columbia Alkali Co..... 10
Columbian Carbon Co..... 32
Commercial Solvents Corp..... —
Conewango Refining Co..... —
Consolidated Products Co., Inc..... 62
Continental Carbon Co..... —
Cooper, Chas., & Co..... —
Crown Can Co..... —

Darling & Co..... 39
Deep Rock Oil Corp..... —
Delta Chemical & Iron Co..... 64
Diamond Alkali Co..... 27
Dodge & Olcott Co..... —
Doggett, Stanley, Inc..... —
Dow Chemical Co..... 43
Draper Mfg. Co..... 64
Drury, A. C., & Co., Inc..... 50
Dunkel, Paul A., & Co., Inc..... 47
Du Pont de Nemours, E. I., & Co. 1, 24, 64

Eagle-Picher Lead Co..... —
Eastman Kodak Co..... —
Ehrmann-Strauss Co., Inc..... —
Electro Bleaching Gas Co..... —
Emery Industries, Inc..... —
Equitable Bag Co..... —
Eureka Machine Co..... —

Falk & Company..... 38
Fezandie & Sperrle..... 31
Filtrol Corp..... —
First Machinery Corp..... —
Fluorine Products..... 26
Frank-Vliet Co..... —
Franks Chemical Products Co..... —
Fritzsche Bros., Inc.....49, 51

General American Tank & Storage Terminals ..... —
General Chemical Co..... —
General Dyestuffs Corp..... —
General Electric Co..... —
General Plastics, Inc..... 33
Givaudan-Delawanna, Inc..... —
Glyco Products Co..... —
Gogarty, H. A., Inc..... 56
Gray, William S., & Co..... 1
Gray Industrial Laboratories..... 54
Greeff, R. W., & Co., Inc..... 1
Gross, A., & Co..... 37
Gruman, J. B., Co..... 56
Gulf Oil Corp..... —

Hammond Paint & Chemical Co..... —
Harshaw Chemical Co..... 33
Heekin Can Co..... —
Hercules Powder Co..... —
Heyden Chemical Corp..... 41
Hinde & Dauch Paper Co..... —
Hochstadter Laboratories..... 54
Holt, C. J., & Co., Inc..... 54
Hopkins, J.. L., & Co., Inc..... 47
Horn, Jefferys, & Co..... 34
Houston Pipe Line Co..... —
Huber, F., Inc..... 47
Huisking, Chas. L., & Co., Inc..... —
Hutchinson, D. W., & Co., Inc..... 49

Imperial Oil & Gas Products Corp..... —
Imperial Paper & Color Corp..... 35
Independent Mfg. Co..... —
Innis, Speiden & Co..... 48
International Pulp Co..... —
Irvington Smelting & Refining Works... 25

Jackson, L. N., Co., Inc..... 37
Jones & Laughlin Steel Corp..... 29
Jungmann & Co., Inc..... 25

Kentucky Color & Chemical Co..... 36
Knight, B. H..... 54
Koppers Company..... 29
Koster Keunen..... —
Krebs Pigment & Color Corp..... —

Laning, E. M., Co., Inc..... 54
LaWall & Harrisson..... 54
Lewis, John D., Inc..... —
Lueders, Geo., & Co..... 49

Magnetic Pigment Co..... 32
Magnus, Mabee & Raynard, Inc..... 49
Mallinckrodt Chemical Works..... —
Malmstrom, N. I., & Co. 39
Mathieson Alkali Works, Inc. ..... —
McCormick & Co., Inc. 47
McNulty, Joseph A. 34
Mechling Bros. Chemical Co. 26
Merck & Co. ..... —
Metalead Products Corp. ..... —
Metasap Chemical Co. ..... —
Michel Export Co. ..... —
Miel, George A. 54
Minnesota Specialty Company..... 36
Monsanto Chemical Company..... —
Murray & Nickell Mfg. Company..... 47
Mutual Chemical Company of America. 30

National Aniline & Chemical Co., Inc.. —
National Lead Company..... —
National Milk Sugar Company, Inc. ... 42
National Rosin Oil & Size Company... 34
Neuberg, William, Inc. 42
Neville Company ..... —
New Jersey Zinc Company..... 21
N. Y. Quinine & Chemical Works, Inc. —
Niacet Chemicals Company..... 35
Niagara Alkali Company 18
Nichols Copper Company ..... —
N. V. Potash Export My, Inc. ..... —

Oldbury Electro-Chemical Company.... —
Orbis Products Corporation 47
Orthmann Laboratories, Inc. 54
Osborn, C. J., Company..... 35

Pacific Coast Borax Company..... 1
Pacific Food & Drug Laboratories.... 54
Pacific Vegetable Oil Corporation..... 35
Parsons, M. W. 34
Pease Laboratories, Inc. 54
Penick, S. B., & Co..... 46
Pennsylvania Coal Products Company.. —
Pennsylvania Refining Company..... 51
Pennsylvania Salt Mfg. Company..... —
Pfaltz & Bauer, Inc. ..... —
Pfizer, Chas., & Co., Inc. 23
Polachek, Z. H. 54
Potash Company of America..... 54
Pressed Steel Tank Company..... —
Procter & Gamble.....37, 42
Purdy, W. S., Co., Inc. 54
Pure Calcium Products Company..... —

Reilly Tar & Chemical Corporation.... 8
Rosenthal, H. H. Co., Inc. ..... —
Ryland, H. C., Inc. 49

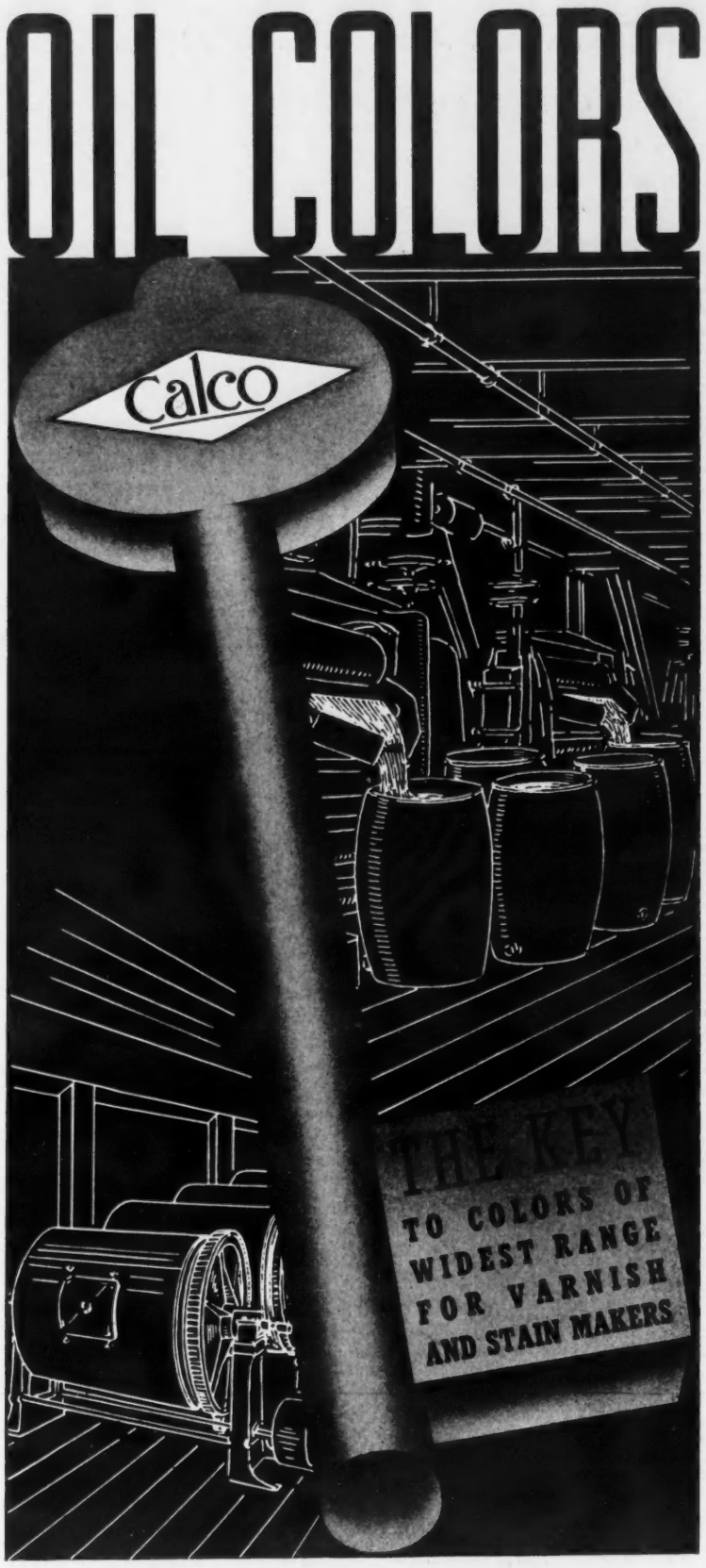
Sadtler, Samuel P., & Sons, Inc. 54
St. Joseph Lead Company..... —
Schimmel & Co., Inc. 49
Schofield-Donald Company, Inc. ..... —
Schwabacher, S., & Co., Inc. 36
Schwarz Laboratories, Inc. 54
Scientific Filter Company..... —
Scott Chemical Company..... —
Seil, Putt & Rusby, Inc..... 54
Sharples Solvents Corporation..... —
Sherka Chemical Company, Inc. 41
Sherwood Petroleum Company, Inc..... 51
Skelly Oil Company..... —
Smith, Kline & French Laboratories... —
Snell, Foster D., Inc. 54
Solvay Sales Corporation..... 26
Sonneborn, L., Sons, Inc. 64
Southwark Manufacturing Company.... 34
Staley, A. E., Manufacturing Company. —
Standard Ultramarine Company..... 36
Stauffer Chemical Company..... 26
Stillwell & Gladding..... 54
Stroock & Wittenberg Corp. ..... —
Sundheimer, Henry, Inc. 25

Taintor Trading Company..... —
Tamms Silica Company..... —
Tar & Chemical Division of Koppers Co. 29
Tennessee Corporation 25
Texas Gulf Sulphur Company, Inc.... —
Thornton, The F. C., Company, Inc... —
Thurston & Braidich 47
Titanium Pigment Corporation..... —
Todd, A. M., Company..... 50
Turner, Joseph & Co. 25

Union Carbide & Carbon Corporation.. —
United Clay Mines Corporation..... —
U. S. Industrial Alcohol Company..... —
U. S. Industrial Chemical Company..... —
U. S. Phosphoric Products Corporation. 25
United States Potash Company..... 53

Vanderbilt, R. T., Company, Inc. ..... —
Victor Chemical Works 26
Viking Distributing Company..... —
Vitab Products, Inc. ..... —
Vol-U-Meter Company, Inc. ..... —
Vorce, L. D. 54

Wecoline Products, Inc. 37
Werk, The M., Company..... 37
White Tar Company of N. J., Inc..... 29
Wiley & Co., Inc. 54
Will & Baumer Candle Company..... —
Williams, C. K., & Co. ..... —
Wishnick-Tumpeer, Inc. 14
Woburn Degreasing Company of N. J. —
Wolf, Jacques, & Co..... 49
Wood Preserving Corporation..... 29



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